

```

{
  "patcher" : {
    "fileversion" : 1,
    "appversion" : {
      "major" : 6,
      "minor" : 1,
      "revision" : 8,
      "architecture" : "x86"
    }
  },
  "rect" : [ 140.0, 49.0, 844.0, 265.0 ],
  "bgcolor" : [ 0.137686, 1.0, 0.288788, 1.0 ],
  "bglocked" : 0,
  "openinpresentation" : 0,
  "default_fontsize" : 12.0,
  "default_fontface" : 0,
  "default_fontname" : "Arial",
  "gridonopen" : 0,
  "gridsize" : [ 15.0, 15.0 ],
  "gridsnaponopen" : 0,
  "statusbarvisible" : 2,
  "toolbarvisible" : 1,
  "boxanimatetime" : 200,
  "imprint" : 0,
  "enablehscroll" : 1,
  "enablevscroll" : 1,
  "devicewidth" : 0.0,
  "description" : "",
  "digest" : "",
  "tags" : "",
  "boxes" : [ {
    "box" : {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "frgb" : 0.0,
      "id" : "obj-21",
      "maxclass" : "comment",
      "numinlets" : 1,
      "numoutlets" : 0,
      "patching_rect" : [ 83.0, 197.0, 150.0, 20.0 ],
      "presentation" : 1,
      "presentation_rect" : [ 59.0, 185.5, 97.0, 20.0 ],
      "text" : "Choose midi out"
    }
  },
  {
    "box" : {
      "fontname" : "Arial",
      "fontsize" : 12.0,

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        "frgb" : 0.0,
        "id" : "obj-4",
        "maxclass" : "comment",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 40.0, 88.0, 150.0, 20.0 ],
        "presentation" : 1,
        "presentation_rect" : [ 59.0, 73.0, 96.0, 20.0 ],
        "text" : "Choose midi in:"
    }

    }

    ,
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "frgb" : 0.0,
            "id" : "obj-6",
            "maxclass" : "comment",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 737.0, 508.0, 150.0, 20.0 ],
            "text" : "looping?"
        }
    }

    ,
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "frgb" : 0.0,
            "id" : "obj-49",
            "linecount" : 2,
            "maxclass" : "comment",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 48.5, 37.0, 150.0, 33.0 ],
            "presentation" : 1,
            "presentation_linecount" : 2,
            "presentation_rect" : [ 170.5, 122.0, 150.0, 33.0 ],
            "text" : "Sometimes the midi stream rotates, watch
out"
        }
    }

    ,
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "frgb" : 0.0,

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```

        "id" : "obj-47",
        "maxclass" : "comment",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 155.0, 456.5, 150.0, 20.0 ],
        "text" : "0 - 127 / korte til lange cut"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-45",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 171.0, 201.0, 34.0, 20.0 ],
        "text" : "print"
    }
},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "frgb" : 0.0,
        "id" : "obj-43",
        "maxclass" : "comment",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 593.0, 437.0, 105.0, 20.0 ],
        "text" : "0 127 / 0 12 avvik"
    }
},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "frgb" : 0.0,
        "id" : "obj-38",
        "maxclass" : "comment",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 347.5, 437.0, 39.0, 20.0 ],
        "text" : "dial 2"
    }
}

```

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,
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "frgb" : 0.0,
        "id" : "obj-33",
        "maxclass" : "comment",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 155.0, 430.5, 42.0, 20.0 ],
        "text" : "Dial 1"
    }
}
,
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "frgb" : 0.0,
        "id" : "obj-24",
        "maxclass" : "comment",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 593.0, 409.0, 39.0, 20.0 ],
        "text" : "dial 3"
    }
}
,
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "frgb" : 0.0,
        "id" : "obj-16",
        "linecount" : 2,
        "maxclass" : "comment",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 347.5, 403.0, 150.0, 33.0 ],
        "text" : "0 - 49 korte, 50 - 70 straight, 71 - 127"
    }
}
lengre"
,
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-37",
        "maxclass" : "newobj",

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        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 538.0, 409.5, 45.0, 20.0 ],
        "text" : "s pitch"
    }
}
,
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-36",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 284.5, 403.0, 63.0, 20.0 ],
        "text" : "s duration"
    }
}
,
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-34",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 300.5, 120.0, 47.0, 20.0 ],
        "text" : "zl rot 2"
    }
}
,
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-32",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 796.0, 427.5, 32.5, 20.0 ],
        "text" : "t b i"
    }
}
,
{
    "box" :
    {

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        "id" : "obj-30",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 779.0, 320.5, 20.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-28",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 737.0, 280.5, 131.0, 20.0 ],
            "text" : "r start_cutup_playback"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-27",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 877.0, 309.5, 34.0, 20.0 ],
            "text" : "t b 0"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-26",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 898.0, 416.5, 32.5, 20.0 ],
            "text" : "+"
        }
}

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    },
    {
        "box" : {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-25",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 767.0, 391.5, 50.0, 20.0 ]
        }
    },
    {
        "box" : {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-23",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 767.0, 365.5, 87.0, 20.0 ],
            "text" : "r relative_zero"
        }
    },
    {
        "box" : {
            "id" : "obj-18",
            "maxclass" : "button",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "bang" ],
            "patching_rect" : [ 720.5, 141.0, 50.0, 50.0 ],
            "presentation" : 1,
            "presentation_rect" : [ 334.0, 149.0, 50.0, 50.0 ]
        }
    },
    {
        "box" : {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-20",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,

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        "patching_rect" : [ 720.5, 203.0, 133.0, 20.0 ],
        "presentation" : 1,
        "presentation_rect" : [ 334.0, 221.0, 133.0, 20.0 ],
        "text" : "s start_cutup_playback"
    }
}
,
{
    "box" : {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-9",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 155.0, 403.0, 50.0, 20.0 ],
        "text" : "s slices"
    }
}
,
{
    "box" : {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-7",
        "maxclass" : "newobj",
        "numinlets" : 4,
        "numoutlets" : 4,
        "outlettype" : [ "", "", "", "" ],
        "patching_rect" : [ 297.5, 298.0, 88.0, 20.0 ],
        "text" : "route 71 74 84"
    }
}
,
{
    "box" : {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-88",
        "maxclass" : "newobj",
        "numinlets" : 7,
        "numoutlets" : 7,
        "outlettype" : [ "bang", "bang", "bang", "bang",
"bang", "bang", "" ],
        "patching_rect" : [ 327.833344, 192.0, 126.0,
20.0 ],
        "text" : "sel 50 45 51 49 36 38"
    }
}
}

```

```

,
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-87",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patcher" :
        {
            "fileversion" : 1,
            "appversion" :

            {
                "major" : 6,
                "minor" : 1,
                "revision" : 8,
                "architecture" : "x86"
            }

        }
    },

    "rect" : [ 29.0, 69.0, 1411.0, 658.0 ],
    "bglocked" : 0,
    "openinpresentation" : 0,
    "default_fontsize" : 12.0,
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "gridonopen" : 0,
    "gridsize" : [ 15.0, 15.0 ],
    "gridsnaponopen" : 0,
    "statusbarvisible" : 2,
    "toolbarvisible" : 1,
    "boxanimatetime" : 200,
    "imprint" : 0,
    "enablehscroll" : 1,
    "enablevscroll" : 1,
    "devicewidth" : 0.0,
    "description" : "",
    "digest" : "",
    "tags" : "",
    "boxes" : [

        {
            "box" :

            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-1",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patcher" :
            }
        }
    ]
}

```

```

{
    "fileversion" : 1,
    "appversion" :
    {
        "major" :
            6,
        "minor" :
            1,
        "revision" : 8,
        "architecture" : "x86"
    },
    "rect" : [ 54.0,
        94.0, 952.0, 760.0 ],
    "bglocked" : 0,
    "openinpresentat
        ion" : 0,
    "default_fontsize" : 12.0,
    "default_fontface" : 0,
    "default_fontnam
        e" : "Arial",
    "gridonopen" : 0,
    "gridsize" :
        [ 15.0, 15.0 ],
    "gridsnaponopen" : 0,
    "statusbarvisible" : 2,
    "toolbarvisible" : 1,
    "boxanimatetime" : 200,
    "imprint" : 0,
    "enablehscroll" : 1,
    "enablevscroll" : 1,
    "devicewidth" : 0.0,
    "description" : "",
    "digest" : "",
    "tags" : "",
    "boxes" : [
        {
            "bo

```

```
"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-109",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : [ "int" ],

"patcher" :
    {
        "fileversion" : 1,
        "appversion" :
            {
                "major" : 6,
                "minor" : 1,
                "revision" : 8,
                "architecture" : "x86"
            }
    },

    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],

    "bglocked" : 0,

    "openinpresentation" : 0,

    "default_fontsize" : 12.0,

    "default_fontface" : 0,

    "default_fontname" : "Arial",

    "gridonopen" : 0,

    "gridsize" : [ 15.0, 15.0 ],
```

```
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
        {
            "id" : "obj-106",
            "maxclass" : "button",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "bang" ],
            "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
        }
    },
    {
        "box" :
        {
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-100",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-97",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-95",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [224.0, 216.0, 51.0, 20.0],

"text" : "random"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-92",

"maxclass" : "number",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"parameter_enable" : 0,

```
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
            "text" : "+"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",
            "maxclass" : "newobj",
            "numinlets" : 1,
```

```

        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
        "text" : "t i b"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-88",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
            "text" : "+ 1"
        }
},

{
    "box" :
        {
            "id" : "obj-87",
            "maxclass" : "toggle",

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```

        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-83",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 2,
            "outlettype" : [ "", "" ],
            "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
            "text" : "gate 2 1"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

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```

        "fontsize" : 12.0,
        "id" : "obj-82",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
        "text" : "-"
    }

}

,
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-80",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
        "text" : "decide"
    }

}

,
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-79",  
        "maxclass" : "newobj",  
        "numinlets" : 6,  
        "numoutlets" : 1,  
        "outlettype" : [ "" ],  
        "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],  
        "text" : "scale 50 127 1 12"  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-78",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],  
        "text" : "t 0"
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-76",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,
                "outlettype" : [ "int", "int" ],
                "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
                "text" : "split 0 49"
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-12",
                "maxclass" : "newobj",
                "numinlets" : 0,
                "numoutlets" : 1,

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        "outlettype" : [ "" ],
        "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
        "text" : "r pitch"
    }

},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
        }
},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-108",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,

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```
        "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
    }

    },
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-97", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-100", 0 ]
                }
        }
    ],
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-106", 0 ]
            }
    }
    ,
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-83", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-107", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-76", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-12", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-78", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-76", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :
      {
        "destination" : [ "obj-79", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-76", 1 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-90", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-78", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-100", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-79", 0 ]
      }
    }
  ]
}
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-87", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-80", 0 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-92", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-82", 0 ]
      }
  }
},
{
  "patchline" :
    {
      "destination" : [ "obj-82", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```
        "source" : [ "obj-83", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-88", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-87", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-88", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-80", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-90", 1 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-89", 0 ]
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-92", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-90", 0 ]
      }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-108", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-92", 0 ]
      }
  }
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-89", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-95", 0 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-95", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-97", 1 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-95", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-97", 0 ]  
        }  
}
```

```

        }

    }

]

}

,

"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],

"saved_object_attributes" :

    {

        "default_fontface" : 0,

        "default_fontname" : "Arial",

        "default_fontsize" : 12.0,

        "description" : "",

        "digest" : "",

        "fontface" : 0,

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "globalpatchername" : "",

        "tags" : ""

    }

,

    "text" : "p pitch drunk"

    }

    }

    {

    "bo

    {

x" :

    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-74",

```

```
"maxclass" : "newobj",
"numinlets" : 1,
"numoutlets" : 1,
"outlettype" : [ "int" ],
"patcher" :
{
    "fileversion" : 1,
    "appversion" :
    {
        "major" : 6,
        "minor" : 1,
        "revision" : 8,
        "architecture" : "x86"
    }
},
"rect" : [ 0.0, 0.0, 640.0, 480.0 ],
"bglocked" : 0,
"openinpresentation" : 0,
"default_fontsize" : 12.0,
"default_fontface" : 0,
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
```

```
"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "fontname" : "Arial",

                "fontsize" : 12.0,

                "id" : "obj-71",

                "maxclass" : "newobj",

                "numinlets" : 2,

                "numoutlets" : 1,

                "outlettype" : [ "float" ],

                "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],

                "text" : "+ 1."

            }

    }

,

    {

        "box" :

            {
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-60",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-63",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-64",

"maxclass" : "number",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"parameter_enable" : 0,

"patching_rect" : [451.0, 300.0, 50.0, 20.0]

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-65",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["float"],

"patching_rect" : [413.0, 268.0, 49.0, 20.0],

```

        "text" : "* 1000."
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-66",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
        "text" : "print"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-67",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,

```

```

        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-69",

```

```

        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-58",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
            "text" : "scale 0. 49. 0.5 1."
        }
},
{
    "box" :
        {

```

```
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-56",
        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
        "text" : "split 71 127"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-55",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
    }
}
```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-48",

"maxclass" : "flonum",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["float", "bang"],

"parameter_enable" : 0,

"patching_rect" : [229.0, 448.0, 50.0, 20.0]

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-43",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["float"],

"patching_rect" : [201.0, 383.0, 47.0, 20.0],

```

        "text" : "/" 1000."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-42",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-36",
            "maxclass" : "newobj",
            "numinlets" : 2,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-31",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
            "text" : "print"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",

```

```
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{
    "box" :
        {
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-23",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-22",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
            "text" : "t 1"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-19",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["float"],

"patching_rect" : [78.5, 337.0, 32.5, 20.0],

"text" : "* 0."

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-17",

"maxclass" : "newobj",

"numinlets" : 6,

"numoutlets" : 1,

"outlettype" : [""],

"patching_rect" : [247.0, 219.0, 119.0, 20.0],

```

        "text" : "scale 71. 127. 0. 0.5"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-14",
        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
        "text" : "split 50 70"
    }
},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-11",
        "maxclass" : "newobj",
        "numinlets" : 0,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
        "text" : "r duration"
    }

},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
        }

},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-73",
            "maxclass" : "outlet",
            "numinlets" : 1,

```

```

        "numoutlets" : 0,
        "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
    }

    },
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-11", 0 ]
                }
        }
    ],
    {
        "patchline" :
            {
                "destination" : [ "obj-22", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 0 ]
            }
    }
    ,
    {
        "patchline" :

```

```

{
  "destination" : [ "obj-56", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-14", 1 ]
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-36", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-17", 0 ]
  }
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-55", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-19", 0 ]
  }
}

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-19", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-22", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-30", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-23", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-23", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-24", 1 ]  
        }  
}
```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-43", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-30", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-31", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-36", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-42", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-36", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-24", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-42", 0 ]
        }
},
{
    "patchline" :
        {
```

```
        "destination" : [ "obj-71", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-43", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-48", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-73", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-55", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
              "destination" : [ "obj-17", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-56", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-58", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-56", 1 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-65", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-58", 0 ]  
          }  
    }
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-19", 1 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-60", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-60", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-60", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-68", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-68", 0 ]  
      }  
    }  
  }  
}
```

```
        "source" : [ "obj-64", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-64", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-65", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-66", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-65", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-63", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-67", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-67", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-69", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-48", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-71", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-19", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-72", 0 ]
      }
  }

```

```

}

```

```

]
    }
,
    "patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "globalpatchername" : "",
            "tags" : ""
        }
,
    "text" : "p duration_drunk"
}

}
{
    "bo
{
x" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,

```

```

    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
    }
  }
  {
    "bo
    {
      "id" : "obj-47",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-41",
      "maxclass" : "newobj",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
      "text" : "r play_time"
    }
  }

```

```

,
x" :
    "id" : "obj-37",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-34",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
    "text" : "set $1"
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,

```

```

    "id" : "obj-32",

    "maxclass" : "newobj",

    "numinlets" : 1,

    "numoutlets" : 1,

    "outlettype" : [ "" ],

    "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],

    "text" : "match"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",

      "fontsize" : 12.0,

      "id" : "obj-21",

      "maxclass" : "newobj",

      "numinlets" : 2,

      "numoutlets" : 2,

      "outlettype" : [ "", "" ],

      "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],

      "text" : "zl reg"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",

      "fontsize" : 12.0,

      "id" : "obj-20",

```

```

    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-18",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-35",
    "maxclass" : "message",

```

```

    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
    "text" : "$1 0"
    }
  }
,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-29",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "int", "int" ],
      "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
      "text" : "unpack 0 0"
    }
  }
,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-28",
      "maxclass" : "newobj",
      "numinlets" : 2,

```

```

    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-27",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-26",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,

```

```

        "outlettype" : [ "bang" ],
        "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
        "text" : "delay"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-16",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
        "text" : "sprintf 144\\, %ld\\, %ld"
    }
},
{
    "bo
    {
        "comment" : "",
        "id" : "obj-61",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
}

```

```

    }
  }
  ,
  "x" :
    {
      "comment" : "",
      "id" : "obj-62",
      "maxclass" : "outlet",
      "numinlets" : 1,
      "numoutlets" : 0,
      "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
  ],
  "lines" : [
    {
      "pchline" :
        {
          "destination" : [ "obj-16", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-109", 0 ]
        }
    }
  ],
  "pchline" :
    {
      "destination" : [ "obj-35", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-109", 0 ]
    }
  ],
  "lines" : [
    {
      "pchline" :
        {
          "destination" : [ "obj-35", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-109", 0 ]
        }
    }
  ]
}

```

```

    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-62", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-16", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-21", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 1 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-34", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 0 ]
  }
}
,
{
  "pa
```

```
tchline" :
{
    "destination" : [ "obj-109", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 1 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-74", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 2 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-20", 0 ],
```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
        "source" : [ "obj-27", 1 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,
        "hidden" : 0,

```

```

        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
        "source" : [ "obj-27", 0 ]
    },
    {
        "path" : "pa
tchline" :
    {
        "destination" : [ "obj-29", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-28", 0 ]
    }
},
    {
        "path" : "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
},
    {
        "path" : "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 0 ]
    }
}

```

```

,
tchline" :
{
    "destination" : [ "obj-47", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
}

```

```

,
tchline" :
{
    "destination" : [ "obj-37", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-32", 0 ]
}

```

```

,
tchline" :
{
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-34", 0 ]
}

```

```

,
tchline" :

```

```
{
  "destination" : [ "obj-28", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-35", 0 ]
},
{
  "pa
tchline" :
  {
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-37", 0 ]
  },
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-32", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-41", 0 ]
    },
    {
      "pa
tchline" :
      {
        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
```

```

        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-18", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-61", 0 ]
}
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-27", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-74", 0 ]
}
}
}

[
    ,
    [ 857.0, 288.0, 43.0, 20.0 ],
    s" :
    " : 0,
    e" : "Arial",
    " : 12.0,
    "patching_rect" :
    "saved_object_attribute
    {
        "default_fontface
        "default_fontnam
        "default_fontsize

```

```

        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" :
"Arial",
        "fontsize" : 12.0,
        "globalpatcherna
me" : "",
        "tags" : ""
    }
    ,
        "text" : "p play"
    }
    ,
        {
            "box" :
                {
                    "fontname" : "Arial",
                    "fontsize" : 12.0,
                    "id" : "obj-2",
                    "maxclass" : "newobj",
                    "numinlets" : 1,
                    "numoutlets" : 1,
                    "outlettype" : [ "" ],
                    "patcher" :
                    {
                        "fileversion" : 1,
                        "appversion" :
                        {
                            "major" :
                                6,
                            "minor" :
                                1,
                            "revision" : 8,
                            "architect
ure" : "x86"
                        }
                    },
                    "rect" : [ 54.0,
                                94.0, 952.0, 760.0 ],
                    "bglocked" : 0,
                    "openinpresentat
ion" : 0,
                    "default_fontsize
" : 12.0,
                    "default_fontface
" : 0,
                    "default_fontnam

```

e" : "Arial",

[15.0, 15.0],

" : 0,

: 2,

1,

" : 200,

1,

1,

0.0,

x" :

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-109",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patcher" :

{

"fileversion" : 1,

"appversion" :

{

"major" : 6,

"gridonopen" : 0,
"gridsize" :

"gridsnaponopen

"statusbarvisible"

"toolbarvisible" :

"boxanimatetime

"imprint" : 0,
"enablehscroll" :

"enablevscroll" :

"devicewidth" :

"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{

"bo
{

```
        "minor" : 1,  
        "revision" : 8,  
        "architecture" : "x86"  
    },  
    ,  
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],  
    "bglocked" : 0,  
    "openinpresentation" : 0,  
    "default_fontsize" : 12.0,  
    "default_fontface" : 0,  
    "default_fontname" : "Arial",  
    "gridonopen" : 0,  
    "gridsize" : [ 15.0, 15.0 ],  
    "gridsnaponopen" : 0,  
    "statusbarvisible" : 2,  
    "toolbarvisible" : 1,  
    "boxanimatetime" : 200,  
    "imprint" : 0,  
    "enablehscroll" : 1,  
    "enablevscroll" : 1,  
    "devicewidth" : 0.0,  
    "description" : "",  
    "digest" : "",  
    "tags" : "",  
    "boxes" : [  
        {
```

```
"box" :  
    {  
        "id" : "obj-106",  
        "maxclass" : "button",  
        "numinlets" : 1,  
        "numoutlets" : 1,  
        "outlettype" : [ "bang" ],  
        "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]  
    }  
},  
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-100",  
            "maxclass" : "number",  
            "numinlets" : 1,  
            "numoutlets" : 2,  
            "outlettype" : [ "int", "bang" ],  
            "parameter_enable" : 0,  
            "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]  
        }  
    }  
},  
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-97",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "bang", "int" ],  
        "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],  
        "text" : "t b i"  
    }  
}
```

,

```
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-95",  
            "maxclass" : "newobj",  
            "numinlets" : 2,  
            "numoutlets" : 1,  
            "outlettype" : [ "int" ],  
            "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],  
            "text" : "random"  
        }  
}
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-92",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-90",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "int" ],
        "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
        "text" : "+"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
            "text" : "t i b"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-88",

```

```
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
        "text" : "+ 1"
    }

},
{
    "box" :
        {
            "id" : "obj-87",
            "maxclass" : "toggle",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
```

```

        "id" : "obj-83",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
        "text" : "gate 2 1"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-82",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
            "text" : "-"
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-80",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
            "text" : "decide"
        }

    }

    ,

    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-79",
                "maxclass" : "newobj",
                "numinlets" : 6,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
                "text" : "scale 50 127 1 12"
            }
    }

```

```

    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-78",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
                "text" : "t 0"
            }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-76",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,
                "outlettype" : [ "int", "int" ],

```

```

        "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
        "text" : "split 0 49"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-12",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
        "text" : "r pitch"
    }

},
{
    "box" :
    {
        "comment" : "",
        "id" : "obj-107",
        "maxclass" : "inlet",
        "numinlets" : 0,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
    }

},
{
    "box" :
    {
        "comment" : "",
        "id" : "obj-108",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
    }
},
    ],
    "lines" : [
        {
            "patchline" :
            {
                "destination" : [ "obj-97", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-100", 0 ]
            }
        }
    ]
}

```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-100", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-106", 0 ]
        }
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-83", 1 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-107", 0 ]
        }
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-76", 0 ],
          "disabled" : 0,
          "hidden" : 0,
```

```
        "source" : [ "obj-12", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-78", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-76", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-79", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-76", 1 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-90", 1 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-78", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-79", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-87", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-80", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-92", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-82", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-82", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-83", 1 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-90", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-83", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-88", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-87", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-83", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-88", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-80", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-89", 1 ]  
        }  
}
```

```
    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-82", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-89", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-90", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-89", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-92", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-90", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-108", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-92", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-89", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-95", 0 ]
        }
},
{
    "patchline" :
        {
```

```

        "destination" : [ "obj-95", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-97", 1 ]
    }

    }
,
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 0 ]
            }
    }
]
}
,
    "patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : ""
        }

```

```

        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p pitch drunk"
    }
    }
,
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-74",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],
    "patcher" :
    {
        "fileversion" : 1,
        "appversion" :
        {
            "major" : 6,
            "minor" : 1,
            "revision" : 8,
            "architecture" : "x86"
        }
    }

```

}

,

"rect" : [0.0, 0.0, 640.0, 480.0],

"bglocked" : 0,

"openinpresentation" : 0,

"default_fontsize" : 12.0,

"default_fontface" : 0,

"default_fontname" : "Arial",

"gridonopen" : 0,

"gridsize" : [15.0, 15.0],

"gridsnaponopen" : 0,

"statusbarvisible" : 2,

"toolbarvisible" : 1,

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

{

"box" :

{

"fontname" : "Arial",

```

        "fontsize" : 12.0,
        "id" : "obj-71",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
        "text" : "+ 1."
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-60",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
    }

},

{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-63",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "float" ],  
        "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],  
        "text" : "/ 1000."  
    }  
}
```

,

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-64",  
        "maxclass" : "number",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-65",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
                "text" : "* 1000."
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-66",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 0,

```

```
        "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
        "text" : "print"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
            "maxclass" : "newobj",
```

```

        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-69",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-58",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
        "text" : "scale 0. 49. 0.5 1."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-56",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
            "text" : "split 71 127"
        }
},

{
    ,
    {

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-55",  
        "maxclass" : "number",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-48",  
        "maxclass" : "flonum",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "float", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]  
    }
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-43",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
                "text" : "/" 1000."
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-42",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,

```

```

        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-36",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-31",

```

```

        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
        "text" : "print"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-24",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-23",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
        "text" : "random 0"
    }
},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-22",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],  
        "text" : "t 1"  
    }  
}
```

,

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-19",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "float" ],  
        "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],  
        "text" : "* 0."  
    }
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-17",
                "maxclass" : "newobj",
                "numinlets" : 6,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
                "text" : "scale 71. 127. 0. 0.5"
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-14",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,

```

```

        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
        "text" : "split 50 70"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
            "text" : "r duration"
        }
},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",

```

```

        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-73",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
        }
},
],
"lines" : [
    {
        "patchline" :
            {
                "destination" : [ "obj-14", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-11", 0 ]
            }
    }
]

```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-22", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-14", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-56", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-14", 1 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-36", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-17", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-55", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-19", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-22", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-30", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-23", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 1 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
              "destination" : [ "obj-43", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-30", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-31", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-36", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-42", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-36", 0 ]  
          }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-24", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-42", 0 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-71", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-43", 0 ]
      }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-19", 1 ],
      "disabled" : 0,
      "hidden" : 0,
    }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-19", 1 ],
      "disabled" : 0,
      "hidden" : 0,
    }
  }
],
{
  "patchline" :
```

```
        "source" : [ "obj-48", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-73", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-55", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-17", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-56", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-58", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-56", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-65", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-58", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-60", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-60", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-63", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-68", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-64", 0 ]
      }
  }

```

```

  ,
  {
    "patchline" :
      {
        "destination" : [ "obj-64", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-65", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-66", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-65", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-63", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-67", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-69", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-68", 1 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-69", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-68", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-67", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-69", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-48", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-71", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-72", 0 ]
            }
    }
]

}

,

"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
```

```

        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p duration_drunk"
    }
    }
,
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
    }
    }
,
    "bo
    {
x" :
    "id" : "obj-47",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]

```

```

    }
  }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-41",
      "maxclass" : "newobj",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
      "text" : "r play_time"
    }
  ,
  "x" :
    {
      "id" : "obj-37",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
  ,
  "x" :
    {
      "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-34",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
    "text" : "set $1"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-32",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
        "text" : "match"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,

```

```

        "id" : "obj-21",

        "maxclass" : "newobj",

        "numinlets" : 2,

        "numoutlets" : 2,

        "outlettype" : [ "", "" ],

        "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],

        "text" : "zl reg"
    }

}

{
    "bo
    {

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-20",

        "maxclass" : "newobj",

        "numinlets" : 1,

        "numoutlets" : 3,

        "outlettype" : [ "int", "int", "int" ],

        "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],

        "text" : "unpack 0 0 0"
    }

}

{
    "bo
    {

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-18",

```

```

    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-35",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
    "text" : "$1 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-29",
    "maxclass" : "newobj",

```

```

    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int", "int" ],
    "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
    "text" : "unpack 0 0"
  }
},
{
  "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-28",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
  }
},
{
  "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-27",
    "maxclass" : "newobj",
    "numinlets" : 1,

```

```

    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
    }
  }
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-26",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
    "text" : "delay"
    }
  }
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-16",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,

```

```

        "outlettype" : [ "" ],
        "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
        "text" : "sprintf 144\\, %ld\\, %ld"
    }
},
{
    "bo
    {
        "comment" : "",
        "id" : "obj-61",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
},
{
    "bo
    {
        "comment" : "",
        "id" : "obj-62",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
},
],
"lines" : [
{

```

tchline" :	"pa
{	
"destination" : ["obj-16", 0],	
"disabled" : 0,	
"hidden" : 0,	
"source" : ["obj-109", 0]	}
	}
,	{
tchline" :	"pa
{	
"destination" : ["obj-35", 0],	
"disabled" : 0,	
"hidden" : 0,	
"source" : ["obj-109", 0]	}
	}
,	{
tchline" :	"pa
{	
"destination" : ["obj-62", 0],	
"disabled" : 0,	
"hidden" : 0,	
"source" : ["obj-16", 0]	}
	}
,	{
tchline" :	"pa
{	
"destination" : ["obj-21", 1],	

```

    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 1 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-34", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-109", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
```

```

    "source" : [ "obj-20", 1 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-74", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 2 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-20", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-21", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-28", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-26", 0 ]
    }
  }
  {
    "pa
```

```

"pa
tchline" :
{
  "destination" : [ "obj-26", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
  "source" : [ "obj-27", 1 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-26", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
  "source" : [ "obj-27", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-29", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-28", 0 ]
}
},
{
  "pa

```

```
tchline" :
{
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-16", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-47", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-37", 0 ],
```

```

    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-32", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-35", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-37", 0 ]
    }
    }
```

```

    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-41", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-52", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-47", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-18", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-61", 0 ]
  }
}
,
{
  "pa
```

```

tchline" :
{
    "destination" : [ "obj-27", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-74", 0 ]
}

]
,
[ 842.0, 273.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

,

,

{
    "box" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-3",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "patching_rect" :
            "saved_object_attribute
            {
                "default_fontface
                "default_fontnam
                "default_fontsize
                "description" : "",
                "digest" : "",
                "fontface" : 0,
                "fontname" :
                "fontsize" : 12.0,
                "globalpatcherna
                "tags" : ""
            }
            "text" : "p play"
        }
    }
}

```

```
6,  
1,  
: 8,  
ure" : "x86"  
,  
94.0, 952.0, 760.0 ],  
  
ion" : 0,  
" : 12.0,  
" : 0,  
e" : "Arial",  
  
[ 15.0, 15.0 ],  
" : 0,  
: 2,  
1,  
" : 200,  
  
1,  
1,  
0.0,
```

```
{
```

```
"outlettype" : [ "" ],  
"patcher" :  
  
    "fileversion" : 1,  
    "appversion" :  
    {  
        "major" :  
  
        "minor" :  
  
        "revision"  
  
        "architect  
  
    }  
  
    "rect" : [ 54.0,  
  
    "bglocked" : 0,  
    "openinpresentat  
  
    "default_fontsize  
  
    "default_fontface  
  
    "default_fontnam  
  
    "gridonopen" : 0,  
    "gridsize" :  
  
    "gridsnaponopen  
  
    "statusbarvisible"  
  
    "toolbarvisible" :  
  
    "boxanimatetime  
  
    "imprint" : 0,  
    "enablehscroll" :  
  
    "enablevscroll" :  
  
    "devicewidth" :  
  
    "description" : "",  
    "digest" : "",  
    "tags" : "",  
    "boxes" : [  
    {
```

x" :

"bo
{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-109",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patcher" :

{

"fileversion" : 1,

"appversion" :

{

"major" : 6,

"minor" : 1,

"revision" : 8,

"architecture" : "x86"

}

,

"rect" : [0.0, 0.0, 640.0, 480.0],

"bglocked" : 0,

"openinpresentation" : 0,

"default_fontsize" : 12.0,

"default_fontface" : 0,

"default_fontname" : "Arial",

"gridonopen" : 0,

```

"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
            {
                "id" : "obj-106",
                "maxclass" : "button",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "bang" ],
                "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
            }
    }
],
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-100",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-97",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "bang", "int" ],
                "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
                "text" : "t b i"
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-95",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
        "text" : "random"
      }
    }
  ],
  {
    "box" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-92",
      "maxclass" : "number",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "int", "bang" ],
```

```
        "parameter_enable" : 0,
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
            "text" : "+"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",
            "maxclass" : "newobj",
```

```

        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
        "text" : "t i b"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-88",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
            "text" : "+ 1"
        }
},
{
    "box" :
        {
            "id" : "obj-87",

```

```

        "maxclass" : "toggle",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-83",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 2,
            "outlettype" : [ "", "" ],
            "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
            "text" : "gate 2 1"
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-82",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
        "text" : "-"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-80",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
            "text" : "decide"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-79",

"maxclass" : "newobj",

"numinlets" : 6,

"numoutlets" : 1,

"outlettype" : [""],

"patching_rect" : [143.0, 163.0, 105.0, 20.0],

"text" : "scale 50 127 1 12"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-78",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [72.0, 198.0, 24.0, 20.0],

```
        "text" : "t 0"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-76",
        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
        "text" : "split 0 49"
    }
},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-12",
        "maxclass" : "newobj",
        "numinlets" : 0,
```

```

        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
        "text" : "r pitch"
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
        }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-108",
            "maxclass" : "outlet",
            "numinlets" : 1,

```

```

        "numoutlets" : 0,
        "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
    }

    },
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-97", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-100", 0 ]
                }
        }
    ],
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-106", 0 ]
            }
    }
    ,
    {
        "patchline" :

```

```
        {  
          "destination" : [ "obj-83", 1 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-107", 0 ]  
        }  
      },  
      {
```

```
        "patchline" :  
          {  
            "destination" : [ "obj-76", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-12", 0 ]  
          }  
      }  
    },  
    {
```

```
      "patchline" :  
        {  
          "destination" : [ "obj-78", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-76", 0 ]  
        }  
    }  
  }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-79", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-76", 1 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-90", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-78", 0 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-100", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-79", 0 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-87", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-80", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-92", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-82", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-82", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-83", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-88", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-87", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-83", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-88", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-80", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 1 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

```

```
    ,
    {

```

```
    "patchline" :  
        {  
            "destination" : [ "obj-90", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-89", 0 ]  
        }  
    },  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-92", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-90", 0 ]  
            }  
        },  
        {  
            "patchline" :  
                {  
                    "destination" : [ "obj-108", 0 ],  
                    "disabled" : 0,  
                    "hidden" : 0,  
                    "source" : [ "obj-92", 0 ]  
                }  
            }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-89", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-95", 0 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-95", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-97", 1 ]
      }
  }
],
{
  "patchline" :
    {
      "destination" : [ "obj-95", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```

        "source" : [ "obj-97", 0 ]
    }

}

]

}

,

"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],

"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,

"text" : "p pitch drunk"
    }

}

{

"bo
{

x" :

"fontname" : "Arial",

"fontsize" : 12.0,

```

```
"id" : "obj-74",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : [ "int" ],

"patcher" :
    {
        "fileversion" : 1,
        "appversion" :
            {
                "major" : 6,
                "minor" : 1,
                "revision" : 8,
                "architecture" : "x86"
            }
    },

    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],

    "bglocked" : 0,

    "openinpresentation" : 0,

    "default_fontsize" : 12.0,

    "default_fontface" : 0,

    "default_fontname" : "Arial",

    "gridonopen" : 0,

    "gridsize" : [ 15.0, 15.0 ],

    "gridsnaponopen" : 0,

    "statusbarvisible" : 2,
```

```

"toolbarvisible" : 1,

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "fontname" : "Arial",

                "fontsize" : 12.0,

                "id" : "obj-71",

                "maxclass" : "newobj",

                "numinlets" : 2,

                "numoutlets" : 1,

                "outlettype" : [ "float" ],

                "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],

                "text" : "+ 1."

            }

    }

,

    {

        "box" :

```

```
        {  
  
            "fontname" : "Arial",  
  
            "fontsize" : 12.0,  
  
            "id" : "obj-60",  
  
            "maxclass" : "flonum",  
  
            "numinlets" : 1,  
  
            "numoutlets" : 2,  
  
            "outlettype" : [ "float", "bang" ],  
  
            "parameter_enable" : 0,  
  
            "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]  
  
        }  
  
    }  
    ,  
    {  
  
        "box" :  
  
            {  
  
                "fontname" : "Arial",  
  
                "fontsize" : 12.0,  
  
                "id" : "obj-63",  
  
                "maxclass" : "newobj",  
  
                "numinlets" : 2,  
  
                "numoutlets" : 1,  
  
                "outlettype" : [ "float" ],  
  
                "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],  
  
                "text" : "/ 1000."  
  
            }  
  
        }  
    }  
}
```

```

    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-64",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
            }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-65",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],

```

```

        "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-66",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
            "text" : "print"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",
            "numinlets" : 1,

```

```

        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-69",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-58",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
            "text" : "scale 0. 49. 0.5 1."
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-56",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
            "text" : "split 71 127"
        }

    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-55",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-48",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-43",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
```

```
        "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
        "text" : "/ 1000."
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-42",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-36",
                "maxclass" : "newobj",
```

```

        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-31",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
            "text" : "print"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-30",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-23",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
            "text" : "random 0"
        }

    }

    ,

    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-22",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
                "text" : "t 1"
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-19",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
        "text" : "* 0."
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-17",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
```

```

        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
        "text" : "scale 71. 127. 0. 0.5"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-14",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
            "text" : "split 50 70"
        }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",
            "maxclass" : "newobj",

```

```
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
        "text" : "r duration"
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
        }
},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-73",
            "maxclass" : "outlet",
```

```

        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
    }
},
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-11", 0 ]
                }
        }
    ],
    {
        "patchline" :
            {
                "destination" : [ "obj-22", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 0 ]
            }
    }
],
    {

```

```
    "patchline" :  
        {  
            "destination" : [ "obj-56", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-14", 1 ]  
        }  
    }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-36", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-17", 0 ]  
            }  
        }  
,  
        {  
            "patchline" :  
                {  
                    "destination" : [ "obj-55", 0 ],  
                    "disabled" : 0,  
                    "hidden" : 0,  
                    "source" : [ "obj-19", 0 ]  
                }  
            }
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-19", 1 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-22", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-30", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-23", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-23", 1 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-24", 1 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-23", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-24", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-43", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-30", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-31", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-36", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-42", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-36", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-24", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-42", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-71", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-43", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-19", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-48", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-73", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-55", 0 ]
      }
  }
}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-17", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-56", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-58", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-56", 1 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-65", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-58", 0 ]  
        }  
}
```

```
    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-19", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-60", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-60", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-63", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-68", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-64", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-64", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-65", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-66", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-65", 0 ]
        }
},
{
    "patchline" :
        {
```

```
        "destination" : [ "obj-63", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-67", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 1 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
            "destination" : [ "obj-67", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-69", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-48", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-71", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-19", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-72", 0 ]  
          }  
    }
```

```

    }
]
}
,
"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
"saved_object_attributes" :
{
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "default_fontsize" : 12.0,
    "description" : "",
    "digest" : "",
    "fontface" : 0,
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "globalpatchername" : "",
    "tags" : ""
}
,
"text" : "p duration_drunk"
}
}
{
"bo
{
x" :
"fontname" : "Arial",
"fontsize" : 12.0,
"id" : "obj-52",
"maxclass" : "newobj",

```

```

    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
  }
},
{
  "bo
{
  "id" : "obj-47",
  "maxclass" : "button",
  "numinlets" : 1,
  "numoutlets" : 1,
  "outlettype" : [ "bang" ],
  "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
}
},
{
  "bo
{
  "fontname" : "Arial",
  "fontsize" : 12.0,
  "id" : "obj-41",
  "maxclass" : "newobj",
  "numinlets" : 0,
  "numoutlets" : 1,
  "outlettype" : [ "" ],
  "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
  "text" : "r play_time"
}
}

```

```

    }
  }
  ,
  {
    "bo
    {
      "id" : "obj-37",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
  }
  ,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-34",
      "maxclass" : "message",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
      "text" : "set $1"
    }
  }
  ,
  {
    "bo
    {
      "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-32",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
    "text" : "match"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-21",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
        "text" : "zl reg"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,

```

```

        "id" : "obj-20",

        "maxclass" : "newobj",

        "numinlets" : 1,

        "numoutlets" : 3,

        "outlettype" : [ "int", "int", "int" ],

        "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],

        "text" : "unpack 0 0 0"
    }
}
{
    "bo
    {
        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-18",

        "maxclass" : "newobj",

        "numinlets" : 2,

        "numoutlets" : 2,

        "outlettype" : [ "", "" ],

        "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],

        "text" : "zl slice 1"
    }
}
{
    "bo
    {
        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-35",

```

```

    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
    "text" : "$1 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-29",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int", "int" ],
    "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
    "text" : "unpack 0 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-28",
    "maxclass" : "newobj",

```

```

    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
  }
},
{
  "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-27",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
  }
},
{
  "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-26",
    "maxclass" : "newobj",
    "numinlets" : 2,

```

```

    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
    "text" : "delay"
    }
  }
  {
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-16",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
    "text" : "sprintf 144\\, %ld\\, %ld"
    }
  }
  {
    "bo
    {
x" :
    "comment" : "",
    "id" : "obj-61",
    "maxclass" : "inlet",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],

```

```

        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
}
,
    {
        "bo
    {
        "comment" : "",
        "id" : "obj-62",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
}
],
    {
        "lines" : [
            {
                "pa
            }
        ]
    },
    {
        "tchline" :
        {
            "destination" : [ "obj-16", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-109", 0 ]
        }
    },
    {
        "tchline" :
        {
            "destination" : [ "obj-35", 0 ],
            "disabled" : 0,
            "hidden" : 0,

```

```

    "source" : [ "obj-109", 0 ]
    }
  }
,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-62", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-16", 0 ]
    }
  }
,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-21", 1 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-18", 1 ]
    }
  }
,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-34", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-18", 0 ]
    }
  }
}
```

```
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-109", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 0 ]
}
}
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 1 ]
}
}
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-74", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 2 ]
}
}
,
{
    "pa
tchline" :
{
```

```

        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
        "source" : [ "obj-27", 1 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,

```

```

        "hidden" : 0,
        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
        "source" : [ "obj-27", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-29", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-28", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,

```

```

    "source" : [ "obj-29", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-47", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-37", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-32", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-34", 0 ]
    }
  }
  {
    "pa
```

```

tchline" :
{
    "destination" : [ "obj-28", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-35", 0 ]
}
},
tchline" :
{
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-37", 0 ]
}
},
tchline" :
{
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-41", 0 ]
}
},
tchline" :
{
    "destination" : [ "obj-52", 0 ],

```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-18", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-61", 0 ]
}
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-27", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-74", 0 ]
}
}
]
}
,
[ 806.0, 288.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
"patching_rect" :
"saved_object_attribute
{
    "default_fontface
    "default_fontnam

```

```

" : 12.0,
"Arial",
me" : "",
,
,
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-4",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
            {
                "major" :
                "minor" :
                "revision"
                "architect
            }
            "rect" : [ 54.0,
            "bglocked" : 0,
            "openinpresentat
            "default_fontsize
            "default_fontface

```

" : 0,

e" : "Arial",

[15.0, 15.0],

" : 0,

: 2,

1,

" : 200,

1,

1,

0.0,

x" :

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-109",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patcher" :

{

"fileversion" : 1,

"appversion" :

{

"default_fontnam

"gridonopen" : 0,
"gridsize" :

"gridsnaponopen

"statusbarvisible"

"toolbarvisible" :

"boxanimatetime

"imprint" : 0,
"enablehscroll" :

"enablevscroll" :

"devicewidth" :

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

{

"bo

{

```
        "major" : 6,  
        "minor" : 1,  
        "revision" : 8,  
        "architecture" : "x86"  
    }  
    ,  
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],  
    "bglocked" : 0,  
    "openinpresentation" : 0,  
    "default_fontsize" : 12.0,  
    "default_fontface" : 0,  
    "default_fontname" : "Arial",  
    "gridonopen" : 0,  
    "gridsize" : [ 15.0, 15.0 ],  
    "gridsnaponopen" : 0,  
    "statusbarvisible" : 2,  
    "toolbarvisible" : 1,  
    "boxanimatetime" : 200,  
    "imprint" : 0,  
    "enablehscroll" : 1,  
    "enablevscroll" : 1,  
    "devicewidth" : 0.0,  
    "description" : "",  
    "digest" : "",  
    "tags" : "",
```

```
"boxes" : [
    {
        "box" :
            {
                "id" : "obj-106",
                "maxclass" : "button",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "bang" ],
                "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-100",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
            }
    }
]
```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-97",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["bang", "int"],

"patching_rect" : [171.0, 212.0, 32.5, 20.0],

"text" : "t b i"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-95",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [224.0, 216.0, 51.0, 20.0],

```

        "text" : "random"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-92",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",
            "maxclass" : "newobj",
            "numinlets" : 2,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
        "text" : "+"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
            "text" : "t i b"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```
        "id" : "obj-88",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
        "text" : "+ 1"
    }

},
{
    "box" :
        {
            "id" : "obj-87",
            "maxclass" : "toggle",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
```

```

        "fontsize" : 12.0,
        "id" : "obj-83",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
        "text" : "gate 2 1"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-82",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
        "text" : "-"
    }
},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-80",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],  
        "text" : "decide"  
    }  
}
```

,

```
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-79",  
            "maxclass" : "newobj",  
            "numinlets" : 6,  
            "numoutlets" : 1,  
            "outlettype" : [ "" ],  
            "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],  
            "text" : "scale 50 127 1 12"  
        }  
}
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-78",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
                "text" : "t 0"
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-76",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,

```

```

        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
        "text" : "split 0 49"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-12",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
            "text" : "r pitch"
        }
},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",

```

```

        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-108",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
        }
},
],
"lines" : [
    {
        "patchline" :
            {
                "destination" : [ "obj-97", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-100", 0 ]
            }
    }
]

```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-106", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-107", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-76", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-12", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-78", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-76", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-79", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-76", 1 ]
        }
},
{
    "patchline" :
        {
```

```
        "destination" : [ "obj-90", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-78", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-100", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-79", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-87", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-80", 0 ]
        }
},
{
```

```
      "patchline" :  
          {  
              "destination" : [ "obj-92", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-82", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-82", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-83", 1 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-90", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-83", 0 ]  
          }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-88", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-87", 0 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-83", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-88", 0 ]
      }
  }
},
{
  "patchline" :
    {
      "destination" : [ "obj-80", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```
        "source" : [ "obj-89", 1 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-82", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-89", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-90", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-89", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-92", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-90", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-108", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-92", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-89", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-95", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

        {
            "destination" : [ "obj-95", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-97", 1 ]
        }
    }
,
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 0 ]
            }
    }
]
}
,
    "patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : ""

```

```

        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p pitch drunk"
    }
    }
    {
        "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-74",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],
    "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
                {
                    "major" : 6,
                    "minor" : 1,
                    "revision" : 8,

```

```
        "architecture" : "x86"
    }
,

    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
    "bglocked" : 0,
    "openinpresentation" : 0,
    "default_fontsize" : 12.0,
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "gridonopen" : 0,
    "gridsize" : [ 15.0, 15.0 ],
    "gridsnaponopen" : 0,
    "statusbarvisible" : 2,
    "toolbarvisible" : 1,
    "boxanimatetime" : 200,
    "imprint" : 0,
    "enablehscroll" : 1,
    "enablevscroll" : 1,
    "devicewidth" : 0.0,
    "description" : "",
    "digest" : "",
    "tags" : "",
    "boxes" : [
        {
            "box" :
            {
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-71",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
        "text" : "+ 1."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-60",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-63",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["float"],

"patching_rect" : [408.0, 438.0, 47.0, 20.0],

"text" : "/ 1000."

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-64",

"maxclass" : "number",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"parameter_enable" : 0,

```

        "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-65",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-66",
            "maxclass" : "newobj",
            "numinlets" : 1,

```

```
        "numoutlets" : 0,
        "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
        "text" : "print"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
```

```

        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-69",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-58",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
        "text" : "scale 0. 49. 0.5 1."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-56",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
            "text" : "split 71 127"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-55",

"maxclass" : "number",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"parameter_enable" : 0,

"patching_rect" : [50.0, 383.0, 50.0, 20.0]

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-48",

"maxclass" : "flonum",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["float", "bang"],

"parameter_enable" : 0,

```

        "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-43",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
            "text" : "/" 1000."
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-42",
            "maxclass" : "number",
            "numinlets" : 1,

```

```

        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-36",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```
        "id" : "obj-31",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
        "text" : "print"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-24",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-23",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-22",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [118.0, 211.0, 24.0, 20.0],

"text" : "t 1"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-19",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["float"],

"patching_rect" : [78.5, 337.0, 32.5, 20.0],

```

        "text" : "* 0."
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-17",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
        "text" : "scale 71. 127. 0. 0.5"
    }
},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-14",
        "maxclass" : "newobj",
        "numinlets" : 3,

```

```

        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
        "text" : "split 50 70"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
            "text" : "r duration"
        }
},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",

```

```
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
    }

},
{
    "box" :
    {
        "comment" : "",
        "id" : "obj-73",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
    }
},
],
"lines" : [
    {
        "patchline" :
        {
            "destination" : [ "obj-14", 0 ],
            "disabled" : 0,
            "hidden" : 0,
```

```
        "source" : [ "obj-11", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-22", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-14", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-56", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-14", 1 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-36", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-17", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-55", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-19", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-22", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-30", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-23", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-23", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-24", 1 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-23", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-24", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-43", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-30", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-31", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-36", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-42", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-36", 0 ]  
        }  
}
```

```
    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-24", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-42", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-71", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-43", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-19", 1 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-48", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-73", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-55", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-17", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-56", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-58", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-56", 1 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-65", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-58", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-60", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
            "destination" : [ "obj-60", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-63", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-68", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-64", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-64", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-65", 0 ]  
          }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-66", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-65", 0 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-63", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-67", 0 ]
      }
  }
},
{
  "patchline" :
    {
      "destination" : [ "obj-69", 1 ],
      "disabled" : 0,
      "hidden" : 0,
```

```
        "source" : [ "obj-68", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-67", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-69", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-48", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-71", 0 ]
    }

    }
,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-72", 0 ]
            }
    }
]
}
,
    "patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p duration_drunk"
    }
    }
,
    {
        "bo
    {
x" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-52",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
        "text" : "s next_note"
    }
    }
,
    {
        "bo
    {
x" :
        "id" : "obj-47",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],

```

```

    "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
  }
,
  {
    "bo
x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-41",
      "maxclass" : "newobj",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
      "text" : "r play_time"
    }
  }
,
  {
    "bo
x" :
    {
      "id" : "obj-37",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
  }
,
  {
    "bo
x" :
    {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-34",
        "maxclass" : "message",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
        "text" : "set $1"
    }
},
{
    "bo
{
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-32",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
        "text" : "match"
    }
},
{
    "bo
{
        "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
    "text" : "zl reg"
    }
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-20",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
    }
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,

```

```

        "id" : "obj-18",

        "maxclass" : "newobj",

        "numinlets" : 2,

        "numoutlets" : 2,

        "outlettype" : [ "", "" ],

        "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],

        "text" : "zl slice 1"
    }

},
{
    "bo
    {

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-35",

        "maxclass" : "message",

        "numinlets" : 2,

        "numoutlets" : 1,

        "outlettype" : [ "" ],

        "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],

        "text" : "$1 0"
    }

},
{
    "bo
    {

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-29",

```

```

    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int", "int" ],
    "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
    "text" : "unpack 0 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-28",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-27",
    "maxclass" : "newobj",

```

```

    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-26",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
    "text" : "delay"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-16",
    "maxclass" : "newobj",
    "numinlets" : 2,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
        "text" : "sprintf 144\\, %ld\\, %ld"
    }
},
{
    "bo
    {
        "comment" : "",
        "id" : "obj-61",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
},
{
    "bo
    {
        "comment" : "",
        "id" : "obj-62",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
},
],

```

```

"lines" : [
{
"pa
tchline" :
{
"destination" : [ "obj-16", 0 ],
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-109", 0 ]
}
},
{
"pa
tchline" :
{
"destination" : [ "obj-35", 0 ],
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-109", 0 ]
}
},
{
"pa
tchline" :
{
"destination" : [ "obj-62", 0 ],
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-16", 0 ]
}
},
{
"pa
tchline" :
{

```

```

    "destination" : [ "obj-21", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 1 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-34", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 0 ]
        }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-109", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 0 ]
        }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-20", 1 ]
    }
},
    {
        "pchline" : "pa
tchline" :
    {
        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
},
    {
        "pchline" : "pa
tchline" :
    {
        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
},
    {
        "pchline" : "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
}
```

```

    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
        "source" : [ "obj-27", 1 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
        "source" : [ "obj-27", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-29", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-28", 0 ]
    }
}
}

```

```
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
}
}
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-16", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 0 ]
}
}
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-47", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
}
}
,
{
    "pa
tchline" :
{
```

```

    "destination" : [ "obj-37", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-32", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-34", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-28", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-35", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
```

```

    "source" : [ "obj-37", 0 ]
    }
  }
,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-32", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-41", 0 ]
    }
  }
,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-52", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-47", 0 ]
    }
  }
,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-18", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-61", 0 ]
    }
  }
}
```

```

,
{
    "patching_rect" : [ 791.0, 273.0, 43.0, 20.0 ],
    "saved_object_attributes" : {
        "default_fontface" : "Arial",
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    },
    "text" : "p play"
},
{
    "box" : {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-5",
        "maxclass" : "newobj",
        "patching_rect" : [ 791.0, 273.0, 43.0, 20.0 ],
        "saved_object_attributes" : {
            "default_fontface" : "Arial",
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "globalpatchername" : "",
            "tags" : ""
        },
        "text" : "p play"
    }
}

```

6,
1,
: 8,
ure" : "x86"
,
94.0, 952.0, 760.0],

ion" : 0,
" : 12.0,
" : 0,
e" : "Arial",

[15.0, 15.0],
" : 0,
: 2,
1,
" : 200,

1,
1,
0.0,

{

"numinlets" : 1,
"numoutlets" : 1,
"outlettype" : [""],
"patcher" :

 "fileversion" : 1,
 "appversion" :
 {
 "major" :

 "minor" :

 "revision"

 "architect

 }

 "rect" : [54.0,

 "bglocked" : 0,
 "openinpresentat

 "default_fontsize

 "default_fontface

 "default_fontnam

 "gridonopen" : 0,
 "gridsize" :

 "gridsnaponopen

 "statusbarvisible"

 "toolbarvisible" :

 "boxanimatetime

 "imprint" : 0,
 "enablehscroll" :

 "enablevscroll" :

 "devicewidth" :

 "description" : "",
 "digest" : "",
 "tags" : "",

```

x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-109",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],
    "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
                {
                    "major" : 6,
                    "minor" : 1,
                    "revision" : 8,
                    "architecture" : "x86"
                }
        },
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
    "bglocked" : 0,
    "openinpresentation" : 0,
    "default_fontsize" : 12.0,
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "boxes" : [
        {
            "bo
        {

```

```
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
        {
            "id" : "obj-106",
            "maxclass" : "button",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "bang" ],
            "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
        }
    }
],
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-100",  
        "maxclass" : "number",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-97",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "bang", "int" ],  
        "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],  
        "text" : "t b i"
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-95",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
                "text" : "random"
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-92",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,

```

```

        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
            "text" : "+"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",

```

```
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
        "text" : "t i b"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-88",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
            "text" : "+ 1"
        }
},
{
    "box" :
        {
```

```

        "id" : "obj-87",
        "maxclass" : "toggle",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-83",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 2,
            "outlettype" : [ "", "" ],
            "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
            "text" : "gate 2 1"
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-82",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
            "text" : "-"
        }

    },
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-80",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
            "text" : "decide"
        }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-79",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
        "text" : "scale 50 127 1 12"
      }
    }
  },
  {
    "box" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-78",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "int" ],
```

```
        "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
        "text" : "t 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-76",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
            "text" : "split 0 49"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-12",
            "maxclass" : "newobj",
```

```

        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
        "text" : "r pitch"
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
        }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-108",
            "maxclass" : "outlet",

```

```

        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
    }

},

    "lines" : [

        {

            "patchline" :

                {

                    "destination" : [ "obj-97", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-100", 0 ]
                }

        }

    ,

        {

            "patchline" :

                {

                    "destination" : [ "obj-100", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-106", 0 ]
                }

        }

    ,

        {

```

```
      "patchline" :  
          {  
            "destination" : [ "obj-83", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-107", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-76", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-12", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-78", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-76", 0 ]  
          }  
    }
```

```
    }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-79", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-76", 1 ]  
            }  
    }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-90", 1 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-78", 0 ]  
            }  
    }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-100", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,
```

```
        "source" : [ "obj-79", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-87", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-80", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-82", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-83", 1 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-90", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-83", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-88", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-87", 0 ]
        }
},
{
    "patchline" :
```

```

    {
      "destination" : [ "obj-83", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-88", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-80", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 1 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-82", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-90", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-89", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-92", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-90", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-108", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-92", 0 ]  
        }  
}
```

```
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-89", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-95", 0 ]
            }
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 1 ]
            }
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
```

```

        "hidden" : 0,
        "source" : [ "obj-97", 0 ]
    }

    }

]

    }
,

    "patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "globalpatchername" : "",
            "tags" : ""
        }
,

    "text" : "p pitch drunk"
    }

    }
{
    "bo
    {
x" :

    "fontname" : "Arial",

```

```
"fontsize" : 12.0,

"id" : "obj-74",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : [ "int" ],

"patcher" :
    {
        "fileversion" : 1,
        "appversion" :
            {
                "major" : 6,
                "minor" : 1,
                "revision" : 8,
                "architecture" : "x86"
            }
    },

    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],

    "bglocked" : 0,

    "openinpresentation" : 0,

    "default_fontsize" : 12.0,

    "default_fontface" : 0,

    "default_fontname" : "Arial",

    "gridonopen" : 0,

    "gridsize" : [ 15.0, 15.0 ],

    "gridsnaponopen" : 0,
```

```

"statusbarvisible" : 2,

"toolbarvisible" : 1,

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "fontname" : "Arial",

                "fontsize" : 12.0,

                "id" : "obj-71",

                "maxclass" : "newobj",

                "numinlets" : 2,

                "numoutlets" : 1,

                "outlettype" : [ "float" ],

                "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],

                "text" : "+ 1."

            }

    }

],

{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-60",  
        "maxclass" : "flonum",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "float", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-63",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "float" ],  
        "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],  
        "text" : "/ 1000."
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-64",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-65",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "float" ],
        "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-66",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
            "text" : "print"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",

```

```

        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-69",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-58",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
        "text" : "scale 0. 49. 0.5 1."
    }
},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-56",  
        "maxclass" : "newobj",  
        "numinlets" : 3,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "int" ],  
        "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],  
        "text" : "split 71 127"  
    }  
}
```

,

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-55",  
        "maxclass" : "number",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]  
    }
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-48",
                "maxclass" : "flonum",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "float", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-43",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "float" ],
        "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
        "text" : "/ 1000."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-42",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
        }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-36",

```

```

        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-31",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
            "text" : "print"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-30",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-23",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],  
        "text" : "random 0"  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-22",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],  
        "text" : "t 1"
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-19",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
                "text" : "* 0."
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-17",
                "maxclass" : "newobj",
                "numinlets" : 6,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "" ],
        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
        "text" : "scale 71. 127. 0. 0.5"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-14",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
            "text" : "split 50 70"
        }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",

```

```

        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
        "text" : "r duration"
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
        }
},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-73",

```

```

        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
    }

}

],

    "lines" : [

        {

            "patchline" :

                {

                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-11", 0 ]
                }

        }

    ,

        {

            "patchline" :

                {

                    "destination" : [ "obj-22", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-14", 0 ]
                }

        }

    ]
}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-56", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-14", 1 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-36", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-17", 0 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-55", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-19", 0 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-19", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-22", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-30", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-23", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-23", 1 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-24", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-43", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-30", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-31", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-36", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-42", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-36", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-24", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-42", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
              "destination" : [ "obj-71", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-43", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-19", 1 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-48", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-73", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-55", 0 ]  
          }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-17", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-56", 0 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-58", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-56", 1 ]
      }
  }
},
{
  "patchline" :
    {
      "destination" : [ "obj-65", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```
        "source" : [ "obj-58", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-60", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-60", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-63", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-68", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-64", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-64", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-66", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-63", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-67", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-69", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-68", 1 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-69", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-68", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-67", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-69", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-48", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-71", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-19", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-72", 0 ]  
        }  
}
```

```

        }

    }

]

}

,

"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],

"saved_object_attributes" :

    {

        "default_fontface" : 0,

        "default_fontname" : "Arial",

        "default_fontsize" : 12.0,

        "description" : "",

        "digest" : "",

        "fontface" : 0,

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "globalpatchername" : "",

        "tags" : ""

    }

,

    "text" : "p duration_drunk"

    }

    }

    {

    "bo

    {

x" :

    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-52",

```

```

    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
  }
},
{
  "bo
{
    "id" : "obj-47",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
  }
},
{
  "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-41",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],

```

```

        "text" : "r play_time"
    }
},
{
    "bo
x" :
    {
        "id" : "obj-37",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
},
{
    "bo
x" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-34",
        "maxclass" : "message",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
        "text" : "set $1"
    }
},
{
    "bo
x" :
    {

```

```

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-32",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
    "text" : "match"
    }
  }
,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-21",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
      "text" : "zl reg"
    }
  }
,
  {
    "bo
    {
      "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-20",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
    }
  }
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-18",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
    }
  }
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,

```

```

        "id" : "obj-35",

        "maxclass" : "message",

        "numinlets" : 2,

        "numoutlets" : 1,

        "outlettype" : [ "" ],

        "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],

        "text" : "$1 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-29",

        "maxclass" : "newobj",

        "numinlets" : 1,

        "numoutlets" : 2,

        "outlettype" : [ "int", "int" ],

        "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],

        "text" : "unpack 0 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-28",

```

```

    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-27",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "bang", "int" ],
      "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
      "text" : "t b i"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-26",
      "maxclass" : "newobj",

```

```

    "numinlets" : 2,

    "numoutlets" : 1,

    "outlettype" : [ "bang" ],

    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],

    "text" : "delay"
    }
  }
,
  {
    "bo
    {
      "fontname" : "Arial",

      "fontsize" : 12.0,

      "id" : "obj-16",

      "maxclass" : "newobj",

      "numinlets" : 2,

      "numoutlets" : 1,

      "outlettype" : [ "" ],

      "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],

      "text" : "sprintf 144\\, %ld\\, %ld"
    }
  }
,
  {
    "bo
    {
      "comment" : "",

      "id" : "obj-61",

      "maxclass" : "inlet",

      "numinlets" : 0,

      "numoutlets" : 1,

```

```

        "outlettype" : [ "" ],
        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
}
,
{
    "bo
x" :
    {
        "comment" : "",
        "id" : "obj-62",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
}
],
    "lines" : [
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
}
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-35", 0 ],
        "disabled" : 0,

```

```
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-62", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-16", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 1 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-34", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 0 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-109", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 1 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
},
    {
        "pa
tchline" :
```

```

{
  "destination" : [ "obj-20", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-21", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-28", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-26", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-26", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
  "source" : [ "obj-27", 1 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-26", 0 ],

```

```

        "disabled" : 0,

        "hidden" : 0,

        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],

        "source" : [ "obj-27", 0 ]
    }
},
{
    "pa

tchline" :
{
    "destination" : [ "obj-29", 0 ],

    "disabled" : 0,

    "hidden" : 0,

    "source" : [ "obj-28", 0 ]
}
},
{
    "pa

tchline" :
{
    "destination" : [ "obj-16", 1 ],

    "disabled" : 0,

    "hidden" : 0,

    "source" : [ "obj-29", 1 ]
}
},
{
    "pa

tchline" :
{
    "destination" : [ "obj-16", 0 ],

    "disabled" : 0,

```

```
        "hidden" : 0,
        "source" : [ "obj-29", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-47", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-37", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-32", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
}
```

```
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-28", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-35", 0 ]
    }
}
```

```
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-37", 0 ]
    }
}
```

```
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-41", 0 ]
    }
}
```

```
    ,
    {
        "pa
tchline" :
    {

```

```

        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-18", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-61", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-27", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-74", 0 ]
    }
}
]
}
,
[ 750.0, 288.0, 43.0, 20.0 ],
s" :
" : 0,
"patching_rect" :
"saved_object_attribute
{
    "default_fontface

```

```

e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

,

{
    "default_fontnam
    "default_fontsize
    "description" : "",
    "digest" : "",
    "fontface" : 0,
    "fontname" :
    "fontsize" : 12.0,
    "globalpatcherna
    "tags" : ""
}
"text" : "p play"
}
}
{
    "box" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-6",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patcher" :
    {
        "fileversion" : 1,
        "appversion" :
        {
            "major" :
            "minor" :
            "revision"
            "architect
        }
    }
    "rect" : [ 54.0,
    "bglocked" : 0,
    "openinpresentat
    "default_fontsize

```

```
" : 12.0,  
" : 0,  
e" : "Arial",  
  
[ 15.0, 15.0 ],  
" : 0,  
: 2,  
1,  
" : 200,  
  
1,  
1,  
0.0,
```

```
x" :
```

```
  "fontname" : "Arial",  
  "fontsize" : 12.0,  
  "id" : "obj-109",  
  "maxclass" : "newobj",  
  "numinlets" : 1,  
  "numoutlets" : 1,  
  "outlettype" : [ "int" ],  
  "patcher" :  
    {  
      "fileversion" : 1,
```

```
"default_fontface  
"default_fontnam  
"gridonopen" : 0,  
"gridsize" :  
"gridsnaponopen  
"statusbarvisible"  
"toolbarvisible" :  
"boxanimatetime  
"imprint" : 0,  
"enablehscroll" :  
"enablevscroll" :  
"devicewidth" :  
"description" : "",  
"digest" : "",  
"tags" : "",  
"boxes" : [  
  {  
    "bo  
  {
```

```
"appversion" :  
    {  
        "major" : 6,  
        "minor" : 1,  
        "revision" : 8,  
        "architecture" : "x86"  
    }
```

,

```
"rect" : [ 0.0, 0.0, 640.0, 480.0 ],  
"bglocked" : 0,  
"openinpresentation" : 0,  
"default_fontsize" : 12.0,  
"default_fontface" : 0,  
"default_fontname" : "Arial",  
"gridonopen" : 0,  
"gridsize" : [ 15.0, 15.0 ],  
"gridsnaponopen" : 0,  
"statusbarvisible" : 2,  
"toolbarvisible" : 1,  
"boxanimatetime" : 200,  
"imprint" : 0,  
"enablehscroll" : 1,  
"enablevscroll" : 1,  
"devicewidth" : 0.0,  
"description" : "",  
"digest" : "",
```

```
"tags" : "",
"boxes" : [
    {
        "box" :
            {
                "id" : "obj-106",
                "maxclass" : "button",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "bang" ],
                "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-100",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
            }
    }
]
```

```

    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-97",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "bang", "int" ],
                "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
                "text" : "t b i"
            }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-95",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],

```

```
        "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
        "text" : "random"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-92",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",
            "maxclass" : "newobj",
```

```

        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
        "text" : "+"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
            "text" : "t i b"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-88",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
        "text" : "+ 1"
    }

},

{
    "box" :
        {
            "id" : "obj-87",
            "maxclass" : "toggle",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
        }

},

{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-83",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
        "text" : "gate 2 1"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-82",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
            "text" : "- "
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-80",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [213.0, 264.0, 46.0, 20.0],

"text" : "decide"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-79",

"maxclass" : "newobj",

"numinlets" : 6,

"numoutlets" : 1,

"outlettype" : [""],

"patching_rect" : [143.0, 163.0, 105.0, 20.0],

```

        "text" : "scale 50 127 1 12"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-78",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
        "text" : "t 0"
    }
},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-76",
        "maxclass" : "newobj",
        "numinlets" : 3,

```

```

        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
        "text" : "split 0 49"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-12",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
            "text" : "r pitch"
        }
},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",

```

```

        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
    }

},
{
    "box" :
    {
        "comment" : "",
        "id" : "obj-108",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
    }
},
],
"lines" : [
    {
        "patchline" :
        {
            "destination" : [ "obj-97", 0 ],
            "disabled" : 0,
            "hidden" : 0,

```

```
        "source" : [ "obj-100", 0 ]
    }

},

{
    "patchline" :
        {
            "destination" : [ "obj-100", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-106", 0 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-83", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-107", 0 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-76", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-12", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-78", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-76", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-79", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-76", 1 ]
            }
    }

    },
    {
        "patchline" :
```

```

{
  "destination" : [ "obj-90", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-78", 0 ]
}

},
{
  "patchline" :
    {
      "destination" : [ "obj-100", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-79", 0 ]
    }
},
{
  "patchline" :
    {
      "destination" : [ "obj-87", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-80", 0 ]
    }
}
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-92", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-82", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-82", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-83", 1 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-90", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-83", 0 ]  
        }  
}
```

```
    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-88", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-87", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-83", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-88", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-80", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-89", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-92", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-90", 0 ]
    }

},

{
    "patchline" :
        {
            "destination" : [ "obj-108", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-92", 0 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-89", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-95", 0 ]
        }
},

{
```

```

        "patchline" :
            {
                "destination" : [ "obj-95", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 1 ]
            }
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 0 ]
            }
    }
]

},

"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,

```

```

        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p pitch drunk"
    }
}
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-74",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
            {
                "major" : 6,
                "minor" : 1,

```

```
        "revision" : 8,
        "architecture" : "x86"
    },
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
    "bglocked" : 0,
    "openinpresentation" : 0,
    "default_fontsize" : 12.0,
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "gridonopen" : 0,
    "gridsize" : [ 15.0, 15.0 ],
    "gridsnaponopen" : 0,
    "statusbarvisible" : 2,
    "toolbarvisible" : 1,
    "boxanimatetime" : 200,
    "imprint" : 0,
    "enablehscroll" : 1,
    "enablevscroll" : 1,
    "devicewidth" : 0.0,
    "description" : "",
    "digest" : "",
    "tags" : "",
    "boxes" : [
        {
            "box" :
```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-71",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
            "text" : "+ 1."
        }

    },
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-60",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
        }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-63",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
        "text" : "/ 1000."
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-64",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
```

```

        "parameter_enable" : 0,
        "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-65",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
                "text" : "* 1000."
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-66",
                "maxclass" : "newobj",

```

```

        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
        "text" : "print"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-68",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-69",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-58",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
            "text" : "scale 0. 49. 0.5 1."
        }

    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-56",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,
                "outlettype" : [ "int", "int" ],
                "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
                "text" : "split 71 127"
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-55",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-48",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
```

```
        "parameter_enable" : 0,
        "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-43",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
                "text" : "/ 1000."
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-42",
                "maxclass" : "number",
```

```
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-36",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
```

```

        "fontsize" : 12.0,
        "id" : "obj-31",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
        "text" : "print"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
            "text" : "t b i"
        }

    }

    ,

    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-23",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
                "text" : "random 0"
            }
    }

```

```

    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-22",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
                "text" : "t 1"
            }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-19",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],

```

```

        "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
        "text" : "* 0."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-17",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
            "text" : "scale 71. 127. 0. 0.5"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-14",
            "maxclass" : "newobj",

```

```

        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
        "text" : "split 50 70"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
            "text" : "r duration"
        }
},
{
    "box" :
        {
            "comment" : "",

```

```

        "id" : "obj-72",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-73",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
        }
},
],
"lines" : [
    {
        "patchline" :
            {
                "destination" : [ "obj-14", 0 ],
                "disabled" : 0,

```

```
        "hidden" : 0,
        "source" : [ "obj-11", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-22", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-56", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-36", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-17", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-55", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-19", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-22", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :
      {
        "destination" : [ "obj-30", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-23", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-23", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-24", 1 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-23", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-24", 0 ]
      }
    }
  ]
}
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-43", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-30", 0 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-31", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-36", 0 ]
      }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-42", 0 ],
      "disabled" : 0,
      "hidden" : 0,

```

```
        "source" : [ "obj-36", 0 ]
    }

},

{
    "patchline" :
        {
            "destination" : [ "obj-24", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-42", 0 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-71", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-43", 0 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-19", 1 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-48", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-73", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-55", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-17", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-56", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-58", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-56", 1 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-65", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-58", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-19", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-60", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-60", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-63", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-68", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-64", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-64", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-65", 0 ]  
        }  
}
```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-66", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-63", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-67", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 1 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-68", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-67", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-69", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```

        "destination" : [ "obj-48", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-71", 0 ]
    }

    }
,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-72", 0 ]
            }
    }
]
}
,
"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : ""
    }

```

```

        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p duration_drunk"
    }
    }
,
    {
        "bo
    {
        x" :
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-52",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
            "text" : "s next_note"
        }
    }
,
    {
        "bo
    {
        x" :
            "id" : "obj-47",
            "maxclass" : "button",
            "numinlets" : 1,
            "numoutlets" : 1,

```

```

        "outlettype" : [ "bang" ],
        "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-41",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
        "text" : "r play_time"
    }
},
{
    "bo
    {
        "id" : "obj-37",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
},
{

```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-34",
      "maxclass" : "message",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
      "text" : "set $1"
}
```

```
, {
```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-32",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
      "text" : "match"
}
```

```
, {
```

```
x" : {"bo
{
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-21",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
        "text" : "zl reg"
    }
}
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-20",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
}
}
,
x" :
    "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-18",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-35",
        "maxclass" : "message",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
        "text" : "$1 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,

```

```

        "id" : "obj-29",

        "maxclass" : "newobj",

        "numinlets" : 1,

        "numoutlets" : 2,

        "outlettype" : [ "int", "int" ],

        "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],

        "text" : "unpack 0 0"
    }
}
{
    "bo
    {

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-28",

        "maxclass" : "newobj",

        "numinlets" : 2,

        "numoutlets" : 2,

        "outlettype" : [ "", "" ],

        "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],

        "text" : "zl reg"
    }
}
{
    "bo
    {

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-27",

```

```

    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-26",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
    "text" : "delay"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-16",
    "maxclass" : "newobj",

```

```

    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
    "text" : "sprintf 144\\, %ld\\, %ld"
    }
},
{
    "bo
    {
        "comment" : "",
        "id" : "obj-61",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
},
{
    "bo
    {
        "comment" : "",
        "id" : "obj-62",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
}

```

```

    },
    ],
    "lines" : [
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-35", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-62", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-16", 0 ]
    }
    },
    {
        "pa

```

```
tchline" :
{
  "destination" : [ "obj-21", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-18", 1 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-34", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-18", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-109", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-20", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-16", 1 ],
```

```

    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 1 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
    }
```

```

    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-26", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
    "source" : [ "obj-27", 1 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-26", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
    "source" : [ "obj-27", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-29", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-28", 0 ]
  }
}

```

```

,
tchline" :
{
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
}

```

```

,
tchline" :
{
    "destination" : [ "obj-16", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 0 ]
}

```

```

,
tchline" :
{
    "destination" : [ "obj-47", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
}

```

```

,
tchline" :

```

```
{
  "destination" : [ "obj-37", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-32", 0 ]
},
{
  "pa
tchline" :
  {
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-34", 0 ]
  },
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-28", 1 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-35", 0 ]
    },
    {
      "pa
tchline" :
      {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
```

```

        "hidden" : 0,
        "source" : [ "obj-37", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-41", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-18", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-61", 0 ]
    }
}

```

```

    },
    "patching_rect" :
    {
        "destination" : [ "obj-27", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-74", 0 ]
    }
]

[ 735.0, 273.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,
"Arial",
me" : "",
,
,
,
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
    }
}

```

6,
1,
: 8,
ure" : "x86"
,
94.0, 952.0, 760.0],

ion" : 0,
" : 12.0,
" : 0,
e" : "Arial",

[15.0, 15.0],
" : 0,
: 2,
1,
" : 200,

1,
1,
0.0,

{

"id" : "obj-7",
"maxclass" : "newobj",
"numinlets" : 1,
"numoutlets" : 1,
"outlettype" : [""],
"patcher" :

 "fileversion" : 1,
 "appversion" :
 {
 "major" :

 "minor" :

 "revision"

 "architect

 }

 "rect" : [54.0,

 "bglocked" : 0,
 "openinpresentat

 "default_fontsize

 "default_fontface

 "default_fontnam

 "gridonopen" : 0,
 "gridsize" :

 "gridsnaponopen

 "statusbarvisible"

 "toolbarvisible" :

 "boxanimatetime

 "imprint" : 0,
 "enablehscroll" :

 "enablevscroll" :

 "devicewidth" :

 "description" : "",

```

x" :
    "digest" : "",
    "tags" : "",
    "boxes" : [
        {
            "bo
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-109",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patcher" :
                {
                    "fileversion" : 1,
                    "appversion" :
                    {
                        "major" : 6,
                        "minor" : 1,
                        "revision" : 8,
                        "architecture" : "x86"
                    }
                },
                "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
                "bglocked" : 0,
                "openinpresentation" : 0,
                "default_fontsize" : 12.0,
                "default_fontface" : 0,

```

```
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
        {
            "id" : "obj-106",
            "maxclass" : "button",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "bang" ],
            "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
        }
    }
]
```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-100",

"maxclass" : "number",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"parameter_enable" : 0,

"patching_rect" : [171.0, 192.0, 50.0, 20.0]

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-97",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["bang", "int"],

"patching_rect" : [171.0, 212.0, 32.5, 20.0],

```

        "text" : "t b i"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-95",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
        "text" : "random"
    }
},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-92",
        "maxclass" : "number",
        "numinlets" : 1,

```

```

        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
            "text" : "+"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-89",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
        "text" : "t i b"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-88",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
            "text" : "+ 1"
        }
},
{
    "box" :

```

```

        {
            "id" : "obj-87",
            "maxclass" : "toggle",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
        }

    },
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-83",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 2,
            "outlettype" : [ "", "" ],
            "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
            "text" : "gate 2 1"
        }
    },
    {

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-82",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],  
        "text" : "-"  
    }  
}
```

,

```
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-80",  
            "maxclass" : "newobj",  
            "numinlets" : 2,  
            "numoutlets" : 1,  
            "outlettype" : [ "int" ],  
            "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],  
            "text" : "decide"  
        }  
}
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-79",
                "maxclass" : "newobj",
                "numinlets" : 6,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
                "text" : "scale 50 127 1 12"
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-78",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "int" ],
        "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
        "text" : "t 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-76",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
            "text" : "split 0 49"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-12",

```

```

        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
        "text" : "r pitch"
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
        }
},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-108",

```

```

        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
    }

}

],

    "lines" : [

        {

            "patchline" :

                {

                    "destination" : [ "obj-97", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-100", 0 ]
                }

        }

    ,

        {

            "patchline" :

                {

                    "destination" : [ "obj-100", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-106", 0 ]
                }

        }

    ]
}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-83", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-107", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-76", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-12", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-78", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-76", 0 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-79", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-76", 1 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-90", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-78", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-100", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-79", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-87", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-80", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-82", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-82", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-83", 1 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-88", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-87", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :
      {
        "destination" : [ "obj-83", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-88", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-80", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 1 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-82", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 0 ]
      }
    }
  ]
}
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-90", 1 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-89", 0 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-92", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-90", 0 ]
      }
  }
},
{
  "patchline" :
    {
      "destination" : [ "obj-108", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```
        "source" : [ "obj-92", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-89", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-95", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-95", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-97", 1 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-95", 0 ],
```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-97", 0 ]
    }

}

]

}

,

"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,

"text" : "p pitch drunk"

}

}

{

"bo
{
x" :

```

```
"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-74",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : [ "int" ],

"patcher" :
    {
        "fileversion" : 1,
        "appversion" :
            {
                "major" : 6,
                "minor" : 1,
                "revision" : 8,
                "architecture" : "x86"
            }
    },

    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],

    "bglocked" : 0,

    "openinpresentation" : 0,

    "default_fontsize" : 12.0,

    "default_fontface" : 0,

    "default_fontname" : "Arial",

    "gridonopen" : 0,

    "gridsize" : [ 15.0, 15.0 ],
```

```
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-71",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
            "text" : "+ 1."
        }
    }
]
```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-60",

"maxclass" : "flonum",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["float", "bang"],

"parameter_enable" : 0,

"patching_rect" : [408.0, 466.0, 50.0, 20.0]

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-63",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["float"],

"patching_rect" : [408.0, 438.0, 47.0, 20.0],

```

        "text" : "/ 1000."
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-64",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
    }
},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-65",
        "maxclass" : "newobj",
        "numinlets" : 2,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-66",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
            "text" : "print"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",

```

```

        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-69",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-58",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
            "text" : "scale 0. 49. 0.5 1."
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-56",

"maxclass" : "newobj",

"numinlets" : 3,

"numoutlets" : 2,

"outlettype" : ["int", "int"],

"patching_rect" : [247.0, 189.0, 72.0, 20.0],

"text" : "split 71 127"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-55",

"maxclass" : "number",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"parameter_enable" : 0,

```

        "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-48",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-43",
            "maxclass" : "newobj",
            "numinlets" : 2,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
        "text" : "/ 1000."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-42",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```
        "id" : "obj-36",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-31",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
            "text" : "print"
        }
},
{
    "box" :
        {
```

```
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-30",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
}
```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-23",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [201.0, 326.0, 61.0, 20.0],

"text" : "random 0"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-22",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [118.0, 211.0, 24.0, 20.0],

```

        "text" : "t 1"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-19",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
        "text" : "* 0."
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-17",
        "maxclass" : "newobj",
        "numinlets" : 6,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
        "text" : "scale 71. 127. 0. 0.5"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-14",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
            "text" : "split 50 70"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-11",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
        "text" : "r duration"
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
        }
},
{
    "box" :
        {
            "comment" : "",

```

```

        "id" : "obj-73",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
    }

},

    "lines" : [

        {

            "patchline" :

                {

                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-11", 0 ]
                }

        }

    ],

    {

        "patchline" :

            {

                "destination" : [ "obj-22", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 0 ]
            }

    }

```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-56", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-14", 1 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-36", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-17", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-55", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-19", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-19", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-22", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-30", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-23", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-23", 1 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-24", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-43", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-30", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

{
  "destination" : [ "obj-31", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-36", 0 ]
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-42", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-36", 0 ]
  }
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-24", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-42", 0 ]
  }
}

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-71", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-43", 0 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-19", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-48", 0 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-73", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-55", 0 ]  
        }  
}
```

```
    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-17", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-56", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-58", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-56", 1 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-65", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-58", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-60", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-60", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-63", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-68", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-64", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-64", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-66", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :
      {
        "destination" : [ "obj-63", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-67", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-69", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-68", 1 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-69", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-68", 0 ]
      }
    }
  ]
}
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-67", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-69", 0 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-48", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-71", 0 ]
      }
  }
},
{
  "patchline" :
    {
      "destination" : [ "obj-19", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```

        "source" : [ "obj-72", 0 ]
    }

}

]

}

,

"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],

"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,

"text" : "p duration_drunk"

    }

}

{

"bo
{

x" :

"fontname" : "Arial",

"fontsize" : 12.0,

```

```

    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
    }
  }
  {
    "bo
    {
      "id" : "obj-47",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-41",
      "maxclass" : "newobj",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],

```

```

    "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
    "text" : "r play_time"
  }
},
{
  "bo
  {
    "id" : "obj-37",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-34",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
    "text" : "set $1"
  }
},
{

```

```
x" :  
  
  "fontname" : "Arial",  
  
  "fontsize" : 12.0,  
  
  "id" : "obj-32",  
  
  "maxclass" : "newobj",  
  
  "numinlets" : 1,  
  
  "numoutlets" : 1,  
  
  "outlettype" : [ "" ],  
  
  "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],  
  
  "text" : "match"  
}
```

```
,  
{
```

```
x" :  
  
  "fontname" : "Arial",  
  
  "fontsize" : 12.0,  
  
  "id" : "obj-21",  
  
  "maxclass" : "newobj",  
  
  "numinlets" : 2,  
  
  "numoutlets" : 2,  
  
  "outlettype" : [ "", "" ],  
  
  "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],  
  
  "text" : "zl reg"  
}
```

```
,  
{
```

```
x" :  
  
  "bo  
{
```

```

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-20",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-18",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
      "text" : "zl slice 1"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-35",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
    "text" : "$1 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-29",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
        "text" : "unpack 0 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,

```

```

    "id" : "obj-28",

    "maxclass" : "newobj",

    "numinlets" : 2,

    "numoutlets" : 2,

    "outlettype" : [ "", "" ],

    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],

    "text" : "zl reg"
  }
},
{
  "bo
  {
    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-27",

    "maxclass" : "newobj",

    "numinlets" : 1,

    "numoutlets" : 2,

    "outlettype" : [ "bang", "int" ],

    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],

    "text" : "t b i"
  }
},
{
  "bo
  {
    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-26",

```

```

    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
    "text" : "delay"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-16",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
      "text" : "sprintf 144\\, %ld\\, %ld"
    }
  }
  {
    "bo
    {
      "comment" : "",
      "id" : "obj-61",
      "maxclass" : "inlet",
      "numinlets" : 0,

```

```

    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
  }
  {
    "bo
    {
      "comment" : "",
      "id" : "obj-62",
      "maxclass" : "outlet",
      "numinlets" : 1,
      "numoutlets" : 0,
      "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
  }
],
  "lines" : [
    {
      "pa
      "tchline" :
      {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
      }
    }
  ],
  {
    "pa
    "tchline" :
    {
      "destination" : [ "obj-35", 0 ],

```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-62", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-16", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 1 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-34", 0 ],
        "disabled" : 0,
        "hidden" : 0,
```

```

    "source" : [ "obj-18", 0 ]
    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-109", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 0 ]
    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 1 ]
    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-74", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 2 ]
    }
  }
  ,
  {

```

```

tchline" :
{
    "destination" : [ "obj-20", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-21", 0 ]
}
},
tchline" :
{
    "destination" : [ "obj-28", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-26", 0 ]
}
},
tchline" :
{
    "destination" : [ "obj-26", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
    "source" : [ "obj-27", 1 ]
}
},
tchline" :
{

```

```
"destination" : [ "obj-26", 0 ],
"disabled" : 0,
"hidden" : 0,
"midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
"source" : [ "obj-27", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-29", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-28", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
```

```

    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-47", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-37", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-32", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
    }
```

```

    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-28", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-35", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-37", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-41", 0 ]
  }
}
,
{
  "pa
```

```

tchline" :
{
    "destination" : [ "obj-52", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-47", 0 ]
}
}
,
"pa
tchline" :
{
    "destination" : [ "obj-18", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-61", 0 ]
}
}
,
"pa
tchline" :
{
    "destination" : [ "obj-27", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-74", 0 ]
}
}
}
]
,
[ 699.0, 288.0, 43.0, 20.0 ],
s" :
"patching_rect" :
"saved_object_attribute
{

```

```

" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

,

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-8",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
            {
                "major" :
                "minor" :
                "revision"
                "architect

            }
        }
    }
    "rect" : [ 54.0,
    "bglocked" : 0,
    "openinpresentat

```

```
ion" : 0,  
" : 12.0,  
" : 0,  
e" : "Arial",  
  
[ 15.0, 15.0 ],  
" : 0,  
: 2,  
1,  
" : 200,  
  
1,  
1,  
0.0,
```

```
x" :
```

```
    "fontname" : "Arial",  
    "fontsize" : 12.0,  
    "id" : "obj-109",  
    "maxclass" : "newobj",  
    "numinlets" : 1,  
    "numoutlets" : 1,  
    "outlettype" : [ "int" ],  
    "patcher" :  
        {
```

```
        "default_fontsize  
        "default_fontface  
        "default_fontnam  
        "gridonopen" : 0,  
        "gridsize" :  
        "gridsnaponopen  
        "statusbarvisible"  
        "toolbarvisible" :  
        "boxanimatetime  
        "imprint" : 0,  
        "enablehscroll" :  
        "enablevscroll" :  
        "devicewidth" :  
        "description" : "",  
        "digest" : "",  
        "tags" : "",  
        "boxes" : [  
        {  
            "bo  
        {
```

```
"fileversion" : 1,
"appversion" :
    {
        "major" : 6,
        "minor" : 1,
        "revision" : 8,
        "architecture" : "x86"
    },
"rect" : [ 0.0, 0.0, 640.0, 480.0 ],
"bglocked" : 0,
"openinpresentation" : 0,
"default_fontsize" : 12.0,
"default_fontface" : 0,
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
```

```
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
            {
                "id" : "obj-106",
                "maxclass" : "button",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "bang" ],
                "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-100",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
            }
    }
]
```

```
}
```

```
}
```

```
,
```

```
{
```

```
"box" :
```

```
{
```

```
"fontname" : "Arial",
```

```
"fontsize" : 12.0,
```

```
"id" : "obj-97",
```

```
"maxclass" : "newobj",
```

```
"numinlets" : 1,
```

```
"numoutlets" : 2,
```

```
"outlettype" : [ "bang", "int" ],
```

```
"patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
```

```
"text" : "t b i"
```

```
}
```

```
}
```

```
,
```

```
{
```

```
"box" :
```

```
{
```

```
"fontname" : "Arial",
```

```
"fontsize" : 12.0,
```

```
"id" : "obj-95",
```

```
"maxclass" : "newobj",
```

```
"numinlets" : 2,
```

```
"numoutlets" : 1,
```

```

        "outlettype" : [ "int" ],
        "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
        "text" : "random"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-92",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
        }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",

```

```
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
        "text" : "+"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
            "text" : "t i b"
        }
},
{
    "box" :
        {
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-88",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
        "text" : "+ 1"
    }

},
{
    "box" :
        {
            "id" : "obj-87",
            "maxclass" : "toggle",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-83",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 2,
            "outlettype" : [ "", "" ],
            "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
            "text" : "gate 2 1"
        }

    }
,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-82",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
                "text" : "-"
            }
    }

```

```

    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-80",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
                "text" : "decide"
            }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-79",
                "maxclass" : "newobj",
                "numinlets" : 6,
                "numoutlets" : 1,
                "outlettype" : [ "" ],

```

```
        "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
        "text" : "scale 50 127 1 12"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-78",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
            "text" : "t 0"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-76",
            "maxclass" : "newobj",
```

```
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
        "text" : "split 0 49"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-12",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
            "text" : "r pitch"
        }
},
{
    "box" :
        {
            "comment" : "",
```

```

        "id" : "obj-107",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-108",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
        }
},
],
"lines" : [
    {
        "patchline" :
            {
                "destination" : [ "obj-97", 0 ],
                "disabled" : 0,

```

```
        "hidden" : 0,
        "source" : [ "obj-100", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-106", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-107", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-76", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-12", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-78", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-76", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-79", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-76", 1 ]
            }
    }

```

```
    ,
    {

```

```
    "patchline" :  
        {  
            "destination" : [ "obj-90", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-78", 0 ]  
        }  
    }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-100", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-79", 0 ]  
            }  
        }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-87", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-80", 0 ]  
            }  
        }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-92", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-82", 0 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-82", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-83", 1 ]
      }
  }
},
{
  "patchline" :
    {
      "destination" : [ "obj-90", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```
        "source" : [ "obj-83", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-88", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-87", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-83", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-88", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-80", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

{
  "destination" : [ "obj-92", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-90", 0 ]
}

},
{
  "patchline" :
    {
      "destination" : [ "obj-108", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-92", 0 ]
    }
},
{
  "patchline" :
    {
      "destination" : [ "obj-89", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-95", 0 ]
    }
}
}
```

```
,
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 1 ]
            }
    }
,
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 0 ]
            }
    }
]
}
,
    "patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
```

```

        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p pitch drunk"
}

},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-74",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],
    "patcher" :
    {
        "fileversion" : 1,
        "appversion" :
        {
            "major" : 6,

```

```
        "minor" : 1,  
        "revision" : 8,  
        "architecture" : "x86"  
    },  
    ,  
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],  
    "bglocked" : 0,  
    "openinpresentation" : 0,  
    "default_fontsize" : 12.0,  
    "default_fontface" : 0,  
    "default_fontname" : "Arial",  
    "gridonopen" : 0,  
    "gridsize" : [ 15.0, 15.0 ],  
    "gridsnaponopen" : 0,  
    "statusbarvisible" : 2,  
    "toolbarvisible" : 1,  
    "boxanimatetime" : 200,  
    "imprint" : 0,  
    "enablehscroll" : 1,  
    "enablevscroll" : 1,  
    "devicewidth" : 0.0,  
    "description" : "",  
    "digest" : "",  
    "tags" : "",  
    "boxes" : [  
        {
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-71",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "float" ],  
        "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],  
        "text" : "+ 1."  
    }  
}
```

,

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-60",  
        "maxclass" : "flonum",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "float", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]  
    }
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-63",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
                "text" : "/" 1000."
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-64",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,

```

```

        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-65",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-66",

```

```
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
        "text" : "print"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
```

```

        "fontsize" : 12.0,
        "id" : "obj-68",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-69",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
        "text" : "random 0"
    }
},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-58",  
        "maxclass" : "newobj",  
        "numinlets" : 6,  
        "numoutlets" : 1,  
        "outlettype" : [ "" ],  
        "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],  
        "text" : "scale 0. 49. 0.5 1."  
    }  
}
```

,

```
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-56",  
            "maxclass" : "newobj",  
            "numinlets" : 3,  
            "numoutlets" : 2,  
            "outlettype" : [ "int", "int" ],  
            "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],  
            "text" : "split 71 127"
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-55",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-48",
                "maxclass" : "flonum",
                "numinlets" : 1,
                "numoutlets" : 2,

```

```

        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-43",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-42",

```

```

        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-36",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-31",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
        "text" : "print"
    }

}

,

{

    "box" :

        {

            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
        }

}

,

{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-24",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "bang", "int" ],  
        "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],  
        "text" : "t b i"  
    }  
}
```

,

```
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-23",  
            "maxclass" : "newobj",  
            "numinlets" : 2,  
            "numoutlets" : 1,  
            "outlettype" : [ "int" ],  
            "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],  
            "text" : "random 0"  
        }  
}
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-22",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
                "text" : "t 1"
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-19",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "float" ],
        "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
        "text" : "* 0."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-17",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
            "text" : "scale 71. 127. 0. 0.5"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-14",

```

```

        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
        "text" : "split 50 70"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
            "text" : "r duration"
        }
},
{
    "box" :
        {

```

```

        "comment" : "",
        "id" : "obj-72",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
    }

},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-73",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
        }
},

],

"lines" : [
    {
        "patchline" :
            {
                "destination" : [ "obj-14", 0 ],

```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-11", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-22", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-56", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 1 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-36", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-17", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-55", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-19", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-19", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-22", 0 ]
      }
  }
}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-30", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-23", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-23", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-24", 1 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-23", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-24", 0 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-43", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-30", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-31", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-36", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-42", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-36", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-24", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-42", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-71", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-43", 0 ]
        }
},
{
    "patchline" :
        {
```

```
        "destination" : [ "obj-19", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-48", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-73", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-55", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-17", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-56", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
              "destination" : [ "obj-58", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-56", 1 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-65", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-58", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-19", 1 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-60", 0 ]  
          }  
    }
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-60", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-63", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-68", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-64", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-64", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-65", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-66", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-65", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-63", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-67", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-69", 1 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-68", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-67", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-69", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

        {
            "destination" : [ "obj-48", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-71", 0 ]
        }
    }
,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-72", 0 ]
            }
    }
]
}
,
"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : ""
    }
}
```

```

        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p duration_drunk"
    }
    }
,
    {
        "bo
    {
x" :

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-52",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
        "text" : "s next_note"
    }
    }
,
    {
        "bo
    {
x" :

        "id" : "obj-47",
        "maxclass" : "button",
        "numinlets" : 1,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-41",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
        "text" : "r play_time"
    }
},
{
    "bo
    {
        "id" : "obj-37",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-34",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
    "text" : "set $1"
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-32",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
    "text" : "match"
}

```

```

,
{
}

```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-21",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
      "text" : "zl reg"
}
```

```
, {
```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-20",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 3,
      "outlettype" : [ "int", "int", "int" ],
      "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
      "text" : "unpack 0 0 0"
}
```

```
, {
```

```
x" : {"bo
{
```

```

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-18",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-35",
      "maxclass" : "message",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
      "text" : "$1 0"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-29",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int", "int" ],
    "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
    "text" : "unpack 0 0"
    }
  }
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-28",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
    }
  }
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,

```

```

    "id" : "obj-27",

    "maxclass" : "newobj",

    "numinlets" : 1,

    "numoutlets" : 2,

    "outlettype" : [ "bang", "int" ],

    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],

    "text" : "t b i"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",

      "fontsize" : 12.0,

      "id" : "obj-26",

      "maxclass" : "newobj",

      "numinlets" : 2,

      "numoutlets" : 1,

      "outlettype" : [ "bang" ],

      "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],

      "text" : "delay"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",

      "fontsize" : 12.0,

      "id" : "obj-16",

```

```

    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
    "text" : "sprintf 144\\, %ld\\, %ld"
    }
  }
  {
    "bo
    {
      "comment" : "",
      "id" : "obj-61",
      "maxclass" : "inlet",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
  }
  {
    "bo
    {
      "comment" : "",
      "id" : "obj-62",
      "maxclass" : "outlet",
      "numinlets" : 1,
      "numoutlets" : 0,
      "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
  }

```

```

    }
  }
],
  "lines" : [
    {
      "pa
tchline" :
    {
      "destination" : [ "obj-16", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-109", 0 ]
    }
  }
,
  "pa
tchline" :
    {
      "destination" : [ "obj-35", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-109", 0 ]
    }
  }
,
  "pa
tchline" :
    {
      "destination" : [ "obj-62", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-16", 0 ]
    }
  }
}

```

```
,
{
  "pa
tchline" :
{
  "destination" : [ "obj-21", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-18", 1 ]
}
}
,
{
  "pa
tchline" :
{
  "destination" : [ "obj-34", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-18", 0 ]
}
}
,
{
  "pa
tchline" :
{
  "destination" : [ "obj-109", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-20", 0 ]
}
}
,
{
  "pa
tchline" :
{
```

```
"destination" : [ "obj-16", 1 ],
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-20", 1 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
```

```

        "source" : [ "obj-26", 0 ]
    }
    }
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
        "source" : [ "obj-27", 1 ]
    }
    }
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
        "source" : [ "obj-27", 0 ]
    }
    }
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-29", 0 ],
        "disabled" : 0,
        "hidden" : 0,

```

```

        "source" : [ "obj-28", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-47", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
},
    {

```

```

tchline" :
{
    "destination" : [ "obj-37", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-32", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-34", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-28", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-35", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-21", 0 ],

```

```

    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-37", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-41", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-52", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-47", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-18", 0 ],
    "disabled" : 0,
    "hidden" : 0,
```

```

        "source" : [ "obj-61", 0 ]
    }
}
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-27", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-74", 0 ]
    }
}
]
}
,
[ 684.0, 273.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,
"Arial",
me" : "",
,
    {
        "patching_rect" :
        {
            "saved_object_attribute
            {
                "default_fontface
                "default_fontnam
                "default_fontsize
                "description" : "",
                "digest" : "",
                "fontface" : 0,
                "fontname" :
                "fontsize" : 12.0,
                "globalpatcherna
                "tags" : ""
            }
        }
        "text" : "p play"
    }
}
,
    {
        "box" :
    {

```

```

6,
1,
: 8,
ure" : "x86"
,
94.0, 952.0, 760.0 ],

ion" : 0,
" : 12.0,
" : 0,
e" : "Arial",

[ 15.0, 15.0 ],
" : 0,
: 2,
1,
" : 200,

1,
1,

"fontname" : "Arial",
"fontsize" : 12.0,
"id" : "obj-10",
"maxclass" : "newobj",
"numinlets" : 1,
"numoutlets" : 1,
"outlettype" : [ "" ],
"patcher" :
{
    "fileversion" : 1,
    "appversion" :
    {
        "major" :
        "minor" :
        "revision"
        "architect
    }
    "rect" : [ 54.0,
    "bglocked" : 0,
    "openinpresentat
    "default_fontsize
    "default_fontface
    "default_fontnam
    "gridonopen" : 0,
    "gridsize" :
    "gridsnaponopen
    "statusbarvisible"
    "toolbarvisible" :
    "boxanimatetime
    "imprint" : 0,
    "enablehscroll" :
    "enablevscroll" :
    "devicewidth" :

```

0.0,

```
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{
"bo
{
```

x" :

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-109",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patcher" :

{

"fileversion" : 1,

"appversion" :

{

"major" : 6,

"minor" : 1,

"revision" : 8,

"architecture" : "x86"

}

,

"rect" : [0.0, 0.0, 640.0, 480.0],

"bglocked" : 0,

"openinpresentation" : 0,

"default_fontsize" : 12.0,

```
"default_fontface" : 0,
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
        {
            "id" : "obj-106",
            "maxclass" : "button",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "bang" ],
            "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
        }
    }
]
```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-100",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-97",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
```

```

        "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-95",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
            "text" : "random"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-92",
            "maxclass" : "number",

```

```

        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
            "text" : "+"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```
        "fontsize" : 12.0,
        "id" : "obj-89",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
        "text" : "t i b"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-88",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
        "text" : "+ 1"
    }
},
{
    "box" :
    {
```

```

    "box" :
        {
            "id" : "obj-87",
            "maxclass" : "toggle",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
        }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-83",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 2,
                "outlettype" : [ "", "" ],
                "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
                "text" : "gate 2 1"
            }
    }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-82",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [103.0, 384.0, 32.5, 20.0],

"text" : "-"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-80",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [213.0, 264.0, 46.0, 20.0],

```

        "text" : "decide"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-79",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
        "text" : "scale 50 127 1 12"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-78",
        "maxclass" : "newobj",
        "numinlets" : 1,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
        "text" : "t 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-76",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
            "text" : "split 0 49"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-12",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
        "text" : "r pitch"
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
        }
},
{
    "box" :
        {
            "comment" : "",

```

```

        "id" : "obj-108",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
    }

},

    "lines" : [

        {

            "patchline" :

                {

                    "destination" : [ "obj-97", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-100", 0 ]
                }

        }

    ],

    {

        "patchline" :

            {

                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-106", 0 ]
            }

    }

```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-83", 1 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-107", 0 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-76", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-12", 0 ]
      }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-76", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-12", 0 ]
    }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-78", 0 ],
      "disabled" : 0,
      "hidden" : 0,

```

```
        "source" : [ "obj-76", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-79", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-76", 1 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-90", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-78", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-100", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-79", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-87", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-80", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-82", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-82", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-83", 1 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-90", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-83", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-88", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-87", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-83", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-88", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-80", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-89", 1 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-82", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-89", 0 ]  
        }  
}
```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-90", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-108", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-92", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-89", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-95", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-95", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-97", 1 ]
        }
},
{
    "patchline" :
        {
```

```

        "destination" : [ "obj-95", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-97", 0 ]
    }

}

]

}

,

"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }

,

"text" : "p pitch drunk"

}

}

,
{

```

x" :

"bo
{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-74",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patcher" :

{

"fileversion" : 1,

"appversion" :

{

"major" : 6,

"minor" : 1,

"revision" : 8,

"architecture" : "x86"

}

,

"rect" : [0.0, 0.0, 640.0, 480.0],

"bglocked" : 0,

"openinpresentation" : 0,

"default_fontsize" : 12.0,

"default_fontface" : 0,

"default_fontname" : "Arial",

"gridonopen" : 0,

```
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-71",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
            "text" : "+ 1."
        }
    }
]
```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-60",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-63",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
```

```
        "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
        "text" : "/ 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-64",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-65",
            "maxclass" : "newobj",
```

```
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-66",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
            "text" : "print"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
```

```

        "id" : "obj-67",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-68",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "bang", "int" ],
                "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
                "text" : "t b i"
            }
    }

    },
    {
        "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-69",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
            "text" : "random 0"
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-58",
                "maxclass" : "newobj",
                "numinlets" : 6,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
                "text" : "scale 0. 49. 0.5 1."
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-56",
        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
        "text" : "split 71 127"
      }
    }
  ],
  {
    "box" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-55",
      "maxclass" : "number",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "int", "bang" ],
```

```
        "parameter_enable" : 0,
        "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-48",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-43",
            "maxclass" : "newobj",
```

```

        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
        "text" : "/ 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-42",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-36",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

}

,
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-31",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
            "text" : "print"
        }

}

,
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-24",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "bang", "int" ],
                "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
                "text" : "t b i"
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-23",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
        "text" : "random 0"
      }
    }
  ],
  {
    "box" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-22",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "int" ],
```

```

        "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
        "text" : "t 1"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-19",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
            "text" : "* 0."
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-17",
            "maxclass" : "newobj",

```

```

        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
        "text" : "scale 71. 127. 0. 0.5"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-14",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
            "text" : "split 50 70"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-11",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
        "text" : "r duration"
    }

},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
        }

},

{
    "box" :
        {

```

```

        "comment" : "",
        "id" : "obj-73",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
    }

},

    "lines" : [

        {

            "patchline" :

                {

                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-11", 0 ]
                }

        }

    ],

    {

        "patchline" :

            {

                "destination" : [ "obj-22", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 0 ]
            }

    }

```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-56", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 1 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-36", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-17", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-55", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-19", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-22", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-30", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-23", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-23", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-24", 1 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-43", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-30", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
            "destination" : [ "obj-31", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-36", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-42", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-36", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-24", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-42", 0 ]  
          }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-71", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-43", 0 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-19", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-48", 0 ]
      }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-73", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-43", 0 ]
    }
  ],
  {
    "patchline" :
```

```

    {
      "destination" : [ "obj-73", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-43", 0 ]
    }
  ],
  {
    "patchline" :
```

```
        "source" : [ "obj-55", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-17", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-56", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-58", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-56", 1 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-65", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-58", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-60", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-60", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-63", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-68", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-64", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-64", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-65", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-66", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-65", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-63", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-67", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-69", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-68", 1 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-69", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-68", 0 ]  
        }  
}
```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-67", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-69", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-48", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-71", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
```

```

        "hidden" : 0,
        "source" : [ "obj-72", 0 ]
    }

    }

]

    }
,
    "patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "globalpatchername" : "",
            "tags" : ""
        }
,
    "text" : "p duration_drunk"
    }

    }
{
    "bo
    {
x" :
    "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
    }
  }
  {
    "bo
    {
      "id" : "obj-47",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-41",
      "maxclass" : "newobj",
      "numinlets" : 0,
      "numoutlets" : 1,

```

```

        "outlettype" : [ "" ],
        "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
        "text" : "r play_time"
    }
},
{
    "bo
    {
        "id" : "obj-37",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-34",
        "maxclass" : "message",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
        "text" : "set $1"
    }
}

```

```
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-32",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
    "text" : "match"
}
```

```
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
    "text" : "zl reg"
}
```

```
,
{
}
```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-20",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 3,
      "outlettype" : [ "int", "int", "int" ],
      "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
      "text" : "unpack 0 0 0"
}
```

```
,
```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-18",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
      "text" : "zl slice 1"
}
```

```
,
```

```
x" : {"
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-35",
        "maxclass" : "message",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
        "text" : "$1 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-29",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
        "text" : "unpack 0 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-28",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
    }
  }
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-27",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
    }
  }
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,

```

```

        "id" : "obj-26",

        "maxclass" : "newobj",

        "numinlets" : 2,

        "numoutlets" : 1,

        "outlettype" : [ "bang" ],

        "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],

        "text" : "delay"
    }
}

,
x" :
    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-16",

    "maxclass" : "newobj",

    "numinlets" : 2,

    "numoutlets" : 1,

    "outlettype" : [ "" ],

    "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],

    "text" : "sprintf 144\\, %ld\\, %ld"
}
}

,
x" :
    "comment" : "",

    "id" : "obj-61",

    "maxclass" : "inlet",

```

```

    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
  }
},
{
  "bo
  {
    "comment" : "",
    "id" : "obj-62",
    "maxclass" : "outlet",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
  }
},
{
  "lines" : [
    {
      "pa
      "pa
      {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
      }
    }
  ],
  "tchline" :
  {
    "destination" : [ "obj-16", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-109", 0 ]
  }
},
{
  "pa
  {
    "destination" : [ "obj-16", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-109", 0 ]
  }
}

```

```

        "destination" : [ "obj-35", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-62", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-16", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-21", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 1 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-34", 0 ],
        "disabled" : 0,

```

```
        "hidden" : 0,
        "source" : [ "obj-18", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-109", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 1 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
        "source" : [ "obj-27", 1 ]
    }
}
```

```
,
    {
        "pa
```

```

tchline" :
{
    "destination" : [ "obj-26", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
    "source" : [ "obj-27", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-29", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-28", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
}
},
{
    "pa
tchline" :
{

```

```
"destination" : [ "obj-16", 0 ],
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-29", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-47", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-37", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-32", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
```

```
        "source" : [ "obj-34", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-28", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-35", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-37", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-41", 0 ]
    }
}
```

```

,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-18", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-61", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-27", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-74", 0 ]
    }
}
]
}
,
"patching_rect" :
[ 645.0, 288.0, 43.0, 20.0 ],

```

```

s" :
" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

,

{
    "saved_object_attribute
    {
        "default_fontface
        "default_fontnam
        "default_fontsize
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" :
        "fontsize" : 12.0,
        "globalpatcherna
        "tags" : ""
    }
    "text" : "p play"
}

}
{
    "box" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-11",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patcher" :
            "fileversion" : 1,
            "appversion" :
            {
                "major" :
                "minor" :
                "revision"
                "architect
            }
            "rect" : [ 54.0,
6,
1,
: 8,
ure" : "x86"
,
94.0, 952.0, 760.0 ],

```

```
ion" : 0,  
" : 12.0,  
" : 0,  
e" : "Arial",  
  
[ 15.0, 15.0 ],  
" : 0,  
: 2,  
1,  
" : 200,  
  
1,  
1,  
0.0,
```

```
x" :
```

```
    "fontname" : "Arial",  
    "fontsize" : 12.0,  
    "id" : "obj-109",  
    "maxclass" : "newobj",  
    "numinlets" : 1,  
    "numoutlets" : 1,  
    "outlettype" : [ "int" ],  
    "patcher" :
```

```
"bglocked" : 0,  
"openinpresentat  
  
"default_fontsize  
  
"default_fontface  
  
"default_fontnam  
  
"gridonopen" : 0,  
"gridsize" :  
  
"gridsnaponopen  
  
"statusbarvisible"  
  
"toolbarvisible" :  
  
"boxanimatetime  
  
"imprint" : 0,  
"enablehscroll" :  
  
"enablevscroll" :  
  
"devicewidth" :  
  
"description" : "",  
"digest" : "",  
"tags" : "",  
"boxes" : [  
{  
    "bo  
{
```

```
{
  "fileversion" : 1,
  "appversion" :
    {
      "major" : 6,
      "minor" : 1,
      "revision" : 8,
      "architecture" : "x86"
    }
},
  "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
  "bglocked" : 0,
  "openinpresentation" : 0,
  "default_fontsize" : 12.0,
  "default_fontface" : 0,
  "default_fontname" : "Arial",
  "gridonopen" : 0,
  "gridsize" : [ 15.0, 15.0 ],
  "gridsnaponopen" : 0,
  "statusbarvisible" : 2,
  "toolbarvisible" : 1,
  "boxanimatetime" : 200,
  "imprint" : 0,
  "enablehscroll" : 1,
  "enablevscroll" : 1,
  "devicewidth" : 0.0,
```

```
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
            {
                "id" : "obj-106",
                "maxclass" : "button",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "bang" ],
                "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-100",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
```

```

        "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-97",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-95",
            "maxclass" : "newobj",
            "numinlets" : 2,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
        "text" : "random"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-92",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-90",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
        "text" : "+"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
            "text" : "t i b"
        }
},
{
    "box" :

```

```
        {  
  
            "fontname" : "Arial",  
  
            "fontsize" : 12.0,  
  
            "id" : "obj-88",  
  
            "maxclass" : "newobj",  
  
            "numinlets" : 2,  
  
            "numoutlets" : 1,  
  
            "outlettype" : [ "int" ],  
  
            "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],  
  
            "text" : "+ 1"  
  
        }  
  
    }  
    ,  
    {  
  
        "box" :  
  
            {  
  
                "id" : "obj-87",  
  
                "maxclass" : "toggle",  
  
                "numinlets" : 1,  
  
                "numoutlets" : 1,  
  
                "outlettype" : [ "int" ],  
  
                "parameter_enable" : 0,  
  
                "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]  
  
            }  
  
        }  
    ,  
    {
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-83",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 2,  
        "outlettype" : [ "", "" ],  
        "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],  
        "text" : "gate 2 1"  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-82",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],  
        "text" : "-"
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-80",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
                "text" : "decide"
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-79",
                "maxclass" : "newobj",
                "numinlets" : 6,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "" ],
        "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
        "text" : "scale 50 127 1 12"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-78",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
            "text" : "t 0"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-76",

```

```

        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
        "text" : "split 0 49"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-12",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
            "text" : "r pitch"
        }
},
{
    "box" :
        {

```

```

        "comment" : "",
        "id" : "obj-107",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
    }

},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-108",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
        }
},

],

"lines" : [
    {
        "patchline" :
            {
                "destination" : [ "obj-97", 0 ],

```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-100", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-106", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-107", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

{
  "destination" : [ "obj-76", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-12", 0 ]
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-78", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-76", 0 ]
  }
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-79", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-76", 1 ]
  }
}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-90", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-78", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-100", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-79", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-87", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-80", 0 ]  
        }  
}
```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-82", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 1 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-83", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-88", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-87", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-88", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-80", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 1 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

```

```
    ,
    {

```

```
    "patchline" :  
        {  
            "destination" : [ "obj-92", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-90", 0 ]  
        }  
    }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-108", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-92", 0 ]  
            }  
        }  
,  
        {  
            "patchline" :  
                {  
                    "destination" : [ "obj-89", 0 ],  
                    "disabled" : 0,  
                    "hidden" : 0,  
                    "source" : [ "obj-95", 0 ]  
                }  
            }
```

```

    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 1 ]
            }
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 0 ]
            }
    }
]
}
,
"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,

```

```

        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p pitch drunk"
    }
    }
,
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-74",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],
    "patcher" :
    {
        "fileversion" : 1,
        "appversion" :
        {

```

```
        "major" : 6,  
        "minor" : 1,  
        "revision" : 8,  
        "architecture" : "x86"  
    }  
    ,  
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],  
    "bglocked" : 0,  
    "openinpresentation" : 0,  
    "default_fontsize" : 12.0,  
    "default_fontface" : 0,  
    "default_fontname" : "Arial",  
    "gridonopen" : 0,  
    "gridsize" : [ 15.0, 15.0 ],  
    "gridsnaponopen" : 0,  
    "statusbarvisible" : 2,  
    "toolbarvisible" : 1,  
    "boxanimatetime" : 200,  
    "imprint" : 0,  
    "enablehscroll" : 1,  
    "enablevscroll" : 1,  
    "devicewidth" : 0.0,  
    "description" : "",  
    "digest" : "",  
    "tags" : "",
```

```
"boxes" : [
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-71",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
                "text" : "+ 1."
            }
    }
,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-60",
                "maxclass" : "flonum",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "float", "bang" ],
                "parameter_enable" : 0,
```

```

        "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-63",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
            "text" : "/" 1000."
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-64",
            "maxclass" : "number",
            "numinlets" : 1,

```

```

        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-65",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```
        "id" : "obj-66",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
        "text" : "print"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-68",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-69",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-58",

"maxclass" : "newobj",

"numinlets" : 6,

"numoutlets" : 1,

"outlettype" : [""],

"patching_rect" : [413.0, 233.0, 105.0, 20.0],

"text" : "scale 0. 49. 0.5 1."

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-56",

"maxclass" : "newobj",

"numinlets" : 3,

"numoutlets" : 2,

"outlettype" : ["int", "int"],

"patching_rect" : [247.0, 189.0, 72.0, 20.0],

```

        "text" : "split 71 127"
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-55",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-48",
                "maxclass" : "flonum",
                "numinlets" : 1,

```

```

        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-43",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-42",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-36",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-31",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
            "text" : "print"
        }
    },
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
        }
    }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-24",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["bang", "int"],

"patching_rect" : [240.0, 298.0, 32.5, 20.0],

"text" : "t b i"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-23",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [201.0, 326.0, 61.0, 20.0],

```
        "text" : "random 0"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-22",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
        "text" : "t 1"
    }
},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-19",
        "maxclass" : "newobj",
        "numinlets" : 2,
```

```

        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
        "text" : "* 0."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-17",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
            "text" : "scale 71. 127. 0. 0.5"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-14",
        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
        "text" : "split 50 70"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
            "text" : "r duration"
        }
},
{
    "box" :

```

```

        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
        }
    }
,
    {
        "box" :
        {
            "comment" : "",
            "id" : "obj-73",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
        }
    }
],
    "lines" : [
        {
            "patchline" :
            {

```

```
        "destination" : [ "obj-14", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-11", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-22", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-56", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 1 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
      {  
        "destination" : [ "obj-36", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-17", 0 ]  
      }  
    },  
    {  
      "patchline" :  
      {  
        "destination" : [ "obj-55", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-19", 0 ]  
      }  
    },  
    {  
      "patchline" :  
      {  
        "destination" : [ "obj-19", 1 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-22", 0 ]  
      }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-30", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-23", 0 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-23", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-24", 1 ]
      }
  }
},
{
  "patchline" :
    {
      "destination" : [ "obj-23", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```
        "source" : [ "obj-24", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-43", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-30", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-31", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-36", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-42", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-36", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-24", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-42", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-71", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-43", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

{
  "destination" : [ "obj-19", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-48", 0 ]
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-73", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-55", 0 ]
  }
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-17", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-56", 0 ]
  }
}

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-58", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-56", 1 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-65", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-58", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-19", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-60", 0 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-60", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-63", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-68", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-64", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-64", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-65", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-66", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-63", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-67", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-69", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-68", 1 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-67", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-69", 0 ]
            }
    }

```

```
    ,
    {

```

```

        "patchline" :
            {
                "destination" : [ "obj-48", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-71", 0 ]
            }
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-72", 0 ]
            }
    }
]

}

,

"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,

```

```

        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p duration_drunk"
    }
}
,
{
    "bo
{
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
    }
}
,
{
    "bo
{
x" :
    "id" : "obj-47",
    "maxclass" : "button",

```

```

    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-41",
      "maxclass" : "newobj",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
      "text" : "r play_time"
    }
  }
  {
    "bo
    {
      "id" : "obj-37",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]

```

```

    }
  }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-34",
      "maxclass" : "message",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
      "text" : "set $1"
    }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-32",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
      "text" : "match"
    }

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
    "text" : "zl reg"
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-20",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
}

```

```

,
{
}

```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-18",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
      "text" : "zl slice 1"
}
```

```
, {
```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-35",
      "maxclass" : "message",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
      "text" : "$1 0"
}
```

```
, {
```

```
x" : {"bo
{
```

```

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-29",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int", "int" ],
    "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
    "text" : "unpack 0 0"
    }
  }
,
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-28",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
    }
  }
,
  "bo
  {
    "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-27",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-26",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
      "text" : "delay"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,

```

```

        "id" : "obj-16",

        "maxclass" : "newobj",

        "numinlets" : 2,

        "numoutlets" : 1,

        "outlettype" : [ "" ],

        "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],

        "text" : "sprintf 144\\, %ld\\, %ld"
    }
},
{
    "bo
    {
        "comment" : "",

        "id" : "obj-61",

        "maxclass" : "inlet",

        "numinlets" : 0,

        "numoutlets" : 1,

        "outlettype" : [ "" ],

        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
},
{
    "bo
    {
        "comment" : "",

        "id" : "obj-62",

        "maxclass" : "outlet",

        "numinlets" : 1,

        "numoutlets" : 0,

```

```

    "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
  }
],
  "lines" : [
    {
      "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ],
      "tchline" :
      {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
      }
    },
    {
      "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ],
      "tchline" :
      {
        "destination" : [ "obj-35", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
      }
    },
    {
      "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ],
      "tchline" :
      {
        "destination" : [ "obj-62", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-16", 0 ]
      }
    }
  ]
}

```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-21", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 1 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-34", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-109", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 0 ]
    }
},
    {
        "pa
tchline" :
```

```

{
  "destination" : [ "obj-16", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-20", 1 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-74", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-20", 2 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-20", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-21", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-28", 0 ],
  "disabled" : 0,

```

```

        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
},
{
    "path" : "pa
tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
        "source" : [ "obj-27", 1 ]
    }
},
{
    "path" : "pa
tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
        "source" : [ "obj-27", 0 ]
    }
},
{
    "path" : "pa
tchline" :
    {
        "destination" : [ "obj-29", 0 ],
        "disabled" : 0,

```

```
        "hidden" : 0,
        "source" : [ "obj-28", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-47", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
}
```

```
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-37", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-32", 0 ]
    }
}
```

```
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
}
```

```
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-28", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-35", 0 ]
    }
}
```

```
    ,
    {
        "pa
tchline" :
    {

```

```
"destination" : [ "obj-21", 0 ],
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-37", 0 ]
    }
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-41", 0 ]
    }
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-18", 0 ],
        "disabled" : 0,
```

```

        "hidden" : 0,
        "source" : [ "obj-61", 0 ]
    }
}
,
    "patching_rect" :
    {
        "destination" : [ "obj-27", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-74", 0 ]
    }
}
]
,
[ 630.0, 273.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

,
    "patching_rect" :
    "saved_object_attribute"
    {
        "default_fontface"
        "default_fontnam
        "default_fontsize

        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" :

        "fontsize" : 12.0,
        "globalpatcherna

        "tags" : ""
    }
    "text" : "p play"
}
}
{
,

```

```

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-12",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
            {
                "major" :
                "minor" :
                "revision"
                "architect
            }
            "rect" : [ 54.0,
            "bglocked" : 0,
            "openinpresentat
            "default_fontsize
            "default_fontface
            "default_fontnam
            "gridonopen" : 0,
            "gridsize" :
            "gridsnaponopen
            "statusbarvisible"
            "toolbarvisible" :
            "boxanimatetime
            "imprint" : 0,
            "enablehscroll" :
            "enablevscroll" :

```

1,
0.0,

x" :

```
"fontname" : "Arial",  
"fontsize" : 12.0,  
"id" : "obj-109",  
"maxclass" : "newobj",  
"numinlets" : 1,  
"numoutlets" : 1,  
"outlettype" : [ "int" ],  
"patcher" :  
  {  
    "fileversion" : 1,  
    "appversion" :  
      {  
        "major" : 6,  
        "minor" : 1,  
        "revision" : 8,  
        "architecture" : "x86"  
      }  
  }
```

,

```
"rect" : [ 0.0, 0.0, 640.0, 480.0 ],  
"bglocked" : 0,  
"openinpresentation" : 0,
```

```
"devicewidth" :  
"description" : "",  
"digest" : "",  
"tags" : "",  
"boxes" : [  
  {  
    "bo  
  {
```

```
"default_fontsize" : 12.0,
"default_fontface" : 0,
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
            {
                "id" : "obj-106",
                "maxclass" : "button",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "bang" ],
                "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
            }
        }
    ]
}
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-100",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-97",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,

```

```

        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-95",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
            "text" : "random"
        }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-92",

```

```
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
            "text" : "+"
        }
},
{
    "box" :
        {
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-89",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
        "text" : "t i b"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-88",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
            "text" : "+ 1"
        }
}

```

,

{

"box" :

{

"id" : "obj-87",

"maxclass" : "toggle",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"parameter_enable" : 0,

"patching_rect" : [213.0, 291.0, 20.0, 20.0]

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-83",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 2,

"outlettype" : ["", ""],

"patching_rect" : [72.0, 330.0, 54.0, 20.0],

"text" : "gate 2 1"

}

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-82",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
        "text" : "-"
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-80",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
```

```

        "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
        "text" : "decide"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-79",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
            "text" : "scale 50 127 1 12"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-78",
            "maxclass" : "newobj",

```

```

        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
        "text" : "t 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-76",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
            "text" : "split 0 49"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-12",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
        "text" : "r pitch"
    }

},
{
    "box" :
    {
        "comment" : "",
        "id" : "obj-107",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
    }

},
{
    "box" :
    {

```

```

        "comment" : "",
        "id" : "obj-108",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
    }

    },

    "lines" : [

        {

            "patchline" :

                {

                    "destination" : [ "obj-97", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-100", 0 ]
                }

        }

    ],

    {

        "patchline" :

            {

                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-106", 0 ]
            }

    }

```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-107", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-76", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-12", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-78", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-76", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-79", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-76", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-78", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-100", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-79", 0 ]
    }
```

```
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-87", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-80", 0 ]
            }
    }
```

```
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-82", 0 ]
            }
    }
```

```
    },
    {
```

```
      "patchline" :  
          {  
            "destination" : [ "obj-82", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-83", 1 ]  
          }  
    }  
  ,  
  {  
    "patchline" :  
        {  
          "destination" : [ "obj-90", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-83", 0 ]  
        }  
    }  
  ,  
  {  
    "patchline" :  
        {  
          "destination" : [ "obj-88", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-87", 0 ]  
        }  
    }
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-83", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-88", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-80", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-89", 1 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-82", 1 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-89", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-90", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-89", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-92", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-90", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-108", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-92", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-89", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-95", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 1 ]
            }
    }

    },
    {
        "patchline" :
```

```

        {
            "destination" : [ "obj-95", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-97", 0 ]
        }
    ]
}
,
"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
"text" : "p pitch drunk"
}

```

```

    ,
    x" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-74",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patcher" :
            {
                "fileversion" : 1,
                "appversion" :
                    {
                        "major" : 6,
                        "minor" : 1,
                        "revision" : 8,
                        "architecture" : "x86"
                    }
            }
    ,
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
    "bglocked" : 0,
    "openinpresentation" : 0,
    "default_fontsize" : 12.0,
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "bo
    {

```

```
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-71",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
            "text" : "+ 1."
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-60",
                "maxclass" : "flonum",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "float", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-63",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "float" ],
        "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
        "text" : "/ 1000."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-64",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-65",

```

```

        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-66",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
            "text" : "print"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-67",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-69",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],  
        "text" : "random 0"  
    }  
}
```

,

```
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-58",  
            "maxclass" : "newobj",  
            "numinlets" : 6,  
            "numoutlets" : 1,  
            "outlettype" : [ "" ],  
            "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],  
            "text" : "scale 0. 49. 0.5 1."  
        }  
}
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-56",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,
                "outlettype" : [ "int", "int" ],
                "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
                "text" : "split 71 127"
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-55",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,

```

```

        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-48",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
        }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-43",

```

```

        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
        "text" : "/" 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-42",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
        }

},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-36",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-31",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
            "text" : "print"
        }
},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-30",  
        "maxclass" : "flonum",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "float", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-24",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "bang", "int" ],  
        "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],  
        "text" : "t b i"
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-23",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
                "text" : "random 0"
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-22",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "int" ],
        "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
        "text" : "t 1"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-19",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
            "text" : "* 0."
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-17",

```

```

        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
        "text" : "scale 71. 127. 0. 0.5"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-14",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
            "text" : "split 50 70"
        }
},
{
    "box" :
        {

```

```
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-11",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
        "text" : "r duration"
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
        }
},
{
    "box" :
```

```

        {
            "comment" : "",
            "id" : "obj-73",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
        }
    },
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-11", 0 ]
                }
        }
    ],
    {
        "patchline" :
            {
                "destination" : [ "obj-22", 0 ],
                "disabled" : 0,
                "hidden" : 0,

```

```
        "source" : [ "obj-14", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-56", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-36", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-17", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-55", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-19", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-22", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-30", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-23", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-23", 1 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-24", 1 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-23", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-24", 0 ]
      }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-43", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-30", 0 ]
      }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-31", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-36", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-42", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-36", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-24", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-42", 0 ]  
        }  
}
```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-71", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-43", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-48", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-73", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-55", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-17", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-56", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-58", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-56", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-65", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-58", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-60", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-60", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-63", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :
      {
        "destination" : [ "obj-68", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-64", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-64", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-65", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-66", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-65", 0 ]
      }
    }
  ]
}
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-63", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-67", 0 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-69", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-68", 1 ]
      }
  }
],
{
  "patchline" :
    {
      "destination" : [ "obj-69", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```
        "source" : [ "obj-68", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-67", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-69", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-48", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-71", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-72", 0 ]
    }

}

]

}

,

"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,

"text" : "p duration_drunk"

}

}

{

"bo
{
x" :

```

```

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
    }
  }
  {
    "bo
    {
      "id" : "obj-47",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-41",
      "maxclass" : "newobj",
      "numinlets" : 0,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
        "text" : "r play_time"
    }
},
{
    "bo
{
    "id" : "obj-37",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
}
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-34",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
    "text" : "set $1"
}
}

```

```

    }
  }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-32",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
      "text" : "match"
    }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-21",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
      "text" : "zl reg"
    }

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-20",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-18",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
}

```

```

,
{
}

```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-35",
      "maxclass" : "message",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
      "text" : "$1 0"
}
```

```
, {
```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-29",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "int", "int" ],
      "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
      "text" : "unpack 0 0"
}
```

```
, {
```

```
x" : {"bo
{
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-28",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
        "text" : "zl reg"
    }
}
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-27",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
}
}
,
x" :
    "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-26",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
        "text" : "delay"
    }
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-16",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
    "text" : "sprintf 144\\, %ld\\, %ld"
}
},
{
    "bo
{
    "comment" : "",
    "id" : "obj-61",

```

```

    "maxclass" : "inlet",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
  },
  "x" :
  {
    "comment" : "",
    "id" : "obj-62",
    "maxclass" : "outlet",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
  },
  ],
  "lines" : [
    {
      "tchline" :
      {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
      }
    }
  ],
  "pa

```

```
tchline" :
{
    "destination" : [ "obj-35", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-109", 0 ]
}
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-62", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-16", 0 ]
}
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-21", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 1 ]
}
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-34", 0 ],
```

```

        "disabled" : 0,

        "hidden" : 0,

        "source" : [ "obj-18", 0 ]
    }
},
{
    "pa

tchline" :
{

    "destination" : [ "obj-109", 0 ],

    "disabled" : 0,

    "hidden" : 0,

    "source" : [ "obj-20", 0 ]
}
},
{
    "pa

tchline" :
{

    "destination" : [ "obj-16", 1 ],

    "disabled" : 0,

    "hidden" : 0,

    "source" : [ "obj-20", 1 ]
}
},
{
    "pa

tchline" :
{

    "destination" : [ "obj-74", 0 ],

    "disabled" : 0,

    "hidden" : 0,

    "source" : [ "obj-20", 2 ]
}
}

```

```

    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-20", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-21", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-28", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-26", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-26", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
    "source" : [ "obj-27", 1 ]
  }
}
}

```

```

,
{
    "path": "pa",
    "tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
        "source" : [ "obj-27", 0 ]
    }
},
{
    "path": "pa",
    "tchline" :
    {
        "destination" : [ "obj-29", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-28", 0 ]
    }
},
{
    "path": "pa",
    "tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
},
{
    "path": "pa",
    "tchline" :

```

```
{
  "destination" : [ "obj-16", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-29", 0 ]
},
{
  "pa
tchline" :
  {
    "destination" : [ "obj-47", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
  },
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-37", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-32", 0 ]
    },
    {
      "pa
tchline" :
      {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-35", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-37", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-41", 0 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-18", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-61", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-27", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-74", 0 ]
    }
}
]
}
```

```

[ 594.0, 288.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

,

{
    "patching_rect" :
    "saved_object_attribute
    {
        "default_fontface
        "default_fontnam
        "default_fontsize
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" :
        "fontsize" : 12.0,
        "globalpatcherna
        "tags" : ""
    }
    "text" : "p play"
}

}
{
    "box" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-13",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patcher" :
    {
        "fileversion" : 1,
        "appversion" :
        {
            "major" :
            "minor" :
            "revision"
            "architect
        }
    }
}
6,
1,
: 8,
ure" : "x86"
,

```

94.0, 952.0, 760.0],

ion" : 0,

" : 12.0,

" : 0,

e" : "Arial",

[15.0, 15.0],

" : 0,

: 2,

1,

" : 200,

1,

1,

0.0,

x" :

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-109",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"rect" : [54.0,

"bglocked" : 0,
"openinpresentat

"default_fontsize

"default_fontface

"default_fontnam

"gridonopen" : 0,
"gridsize" :

"gridsnaponopen

"statusbarvisible"

"toolbarvisible" :

"boxanimatetime

"imprint" : 0,
"enablehscroll" :

"enablevscroll" :

"devicewidth" :

"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{

"bo
{

```
"patcher" :  
    {  
        "fileversion" : 1,  
        "appversion" :  
            {  
                "major" : 6,  
                "minor" : 1,  
                "revision" : 8,  
                "architecture" : "x86"  
            }  
    },  
  
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],  
  
    "bglocked" : 0,  
  
    "openinpresentation" : 0,  
  
    "default_fontsize" : 12.0,  
  
    "default_fontface" : 0,  
  
    "default_fontname" : "Arial",  
  
    "gridonopen" : 0,  
  
    "gridsize" : [ 15.0, 15.0 ],  
  
    "gridsnaponopen" : 0,  
  
    "statusbarvisible" : 2,  
  
    "toolbarvisible" : 1,  
  
    "boxanimatetime" : 200,  
  
    "imprint" : 0,  
  
    "enablehscroll" : 1,  
  
    "enablevscroll" : 1,
```

```
"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "id" : "obj-106",

                "maxclass" : "button",

                "numinlets" : 1,

                "numoutlets" : 1,

                "outlettype" : [ "bang" ],

                "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]

            }

    },

    {

        "box" :

            {

                "fontname" : "Arial",

                "fontsize" : 12.0,

                "id" : "obj-100",

                "maxclass" : "number",

                "numinlets" : 1,

                "numoutlets" : 2,

                "outlettype" : [ "int", "bang" ],
```

```

        "parameter_enable" : 0,
        "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-97",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "bang", "int" ],
                "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
                "text" : "t b i"
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-95",
                "maxclass" : "newobj",

```

```
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
        "text" : "random"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-92",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
```

```

        "fontsize" : 12.0,
        "id" : "obj-90",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
        "text" : "+"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-89",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
        "text" : "t i b"
    }

},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-88",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],  
        "text" : "+ 1"  
    }  
  
},  
  
{  
    "box" :  
        {  
            "id" : "obj-87",  
            "maxclass" : "toggle",  
            "numinlets" : 1,  
            "numoutlets" : 1,  
            "outlettype" : [ "int" ],  
            "parameter_enable" : 0,  
            "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]  
        }  
}
```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-83",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 2,

"outlettype" : ["", ""],

"patching_rect" : [72.0, 330.0, 54.0, 20.0],

"text" : "gate 2 1"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-82",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [103.0, 384.0, 32.5, 20.0],

```
        "text" : "-"  
    }  
}  
,  
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-80",  
            "maxclass" : "newobj",  
            "numinlets" : 2,  
            "numoutlets" : 1,  
            "outlettype" : [ "int" ],  
            "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],  
            "text" : "decide"  
        }  
}  
,  
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-79",  
            "maxclass" : "newobj",  
            "numinlets" : 6,
```

```

        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
        "text" : "scale 50 127 1 12"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-78",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
            "text" : "t 0"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-76",
        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
        "text" : "split 0 49"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-12",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
            "text" : "r pitch"
        }
},
{
    "box" :

```

```

        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
        }
    }
    ,
    {
        "box" :
        {
            "comment" : "",
            "id" : "obj-108",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
        }
    }
],
    "lines" : [
        {
            "patchline" :
            {

```

```
        "destination" : [ "obj-97", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-100", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-100", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-106", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-83", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-107", 0 ]
        }
},
{
```

```
      "patchline" :  
      {  
        "destination" : [ "obj-76", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-12", 0 ]  
      }  
    },  
    {  
      "patchline" :  
      {  
        "destination" : [ "obj-78", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-76", 0 ]  
      }  
    },  
    {  
      "patchline" :  
      {  
        "destination" : [ "obj-79", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-76", 1 ]  
      }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-90", 1 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-78", 0 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-100", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-79", 0 ]
      }
  }
],
  {
    "patchline" :
      {
        "destination" : [ "obj-87", 0 ],
        "disabled" : 0,
        "hidden" : 0,
```

```
        "source" : [ "obj-80", 0 ]
    }

},

{
    "patchline" :
        {
            "destination" : [ "obj-92", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-82", 0 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-82", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-83", 1 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-90", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-83", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-88", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-87", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-88", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-80", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-89", 1 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-82", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-90", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-92", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-90", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-108", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-92", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-89", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-95", 0 ]  
        }  
}
```

```

        }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 1 ]
            }
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 0 ]
            }
    }
]

}

,

"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
"saved_object_attributes" :
    {

```

```

        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p pitch drunk"
}

}
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-74",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],
    "patcher" :
    {
        "fileversion" : 1,

```

```
"appversion" :  
    {  
        "major" : 6,  
        "minor" : 1,  
        "revision" : 8,  
        "architecture" : "x86"  
    }
```

,

```
"rect" : [ 0.0, 0.0, 640.0, 480.0 ],  
"bglocked" : 0,  
"openinpresentation" : 0,  
"default_fontsize" : 12.0,  
"default_fontface" : 0,  
"default_fontname" : "Arial",  
"gridonopen" : 0,  
"gridsize" : [ 15.0, 15.0 ],  
"gridsnaponopen" : 0,  
"statusbarvisible" : 2,  
"toolbarvisible" : 1,  
"boxanimatetime" : 200,  
"imprint" : 0,  
"enablehscroll" : 1,  
"enablevscroll" : 1,  
"devicewidth" : 0.0,  
"description" : "",  
"digest" : "",
```

```
"tags" : "",
"boxes" : [
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-71",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
                "text" : "+ 1."
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-60",
                "maxclass" : "flonum",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "float", "bang" ],
```

```

        "parameter_enable" : 0,
        "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-63",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
                "text" : "/ 1000."
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-64",
                "maxclass" : "number",

```

```

        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-65",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
                "text" : "* 1000."
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-66",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
        "text" : "print"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
            "text" : "t b i"
        }

    }

    ,

    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-69",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
                "text" : "random 0"
            }
    }

```

```

    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-58",
                "maxclass" : "newobj",
                "numinlets" : 6,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
                "text" : "scale 0. 49. 0.5 1."
            }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-56",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,
                "outlettype" : [ "int", "int" ],

```

```

        "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
        "text" : "split 71 127"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-55",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
        }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-48",
            "maxclass" : "flonum",

```

```

        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-43",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-42",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-36",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
        "text" : "*" 1000."
    }

},
{

```

```

"box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-31",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
        "text" : "print"
    }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
        }
}

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-24",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
        "text" : "t b i"
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-23",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
```

```
        "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-22",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
                "text" : "t 1"
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-19",
                "maxclass" : "newobj",
```

```

        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
        "text" : "* 0."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-17",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
            "text" : "scale 71. 127. 0. 0.5"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-14",
        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
        "text" : "split 50 70"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-11",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
        "text" : "r duration"
    }

},
{

```

```

    "box" :
        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
        }
    },
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-73",
                "maxclass" : "outlet",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
            }
    },
    "lines" : [
        {
            "patchline" :

```

```

{
  "destination" : [ "obj-14", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-11", 0 ]
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-22", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-14", 0 ]
  }
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-56", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-14", 1 ]
  }
}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-36", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-17", 0 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-55", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-19", 0 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-19", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-22", 0 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-30", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-23", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-23", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-24", 1 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-23", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-24", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-43", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-30", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-31", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-36", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-42", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-36", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-24", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-42", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-71", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-43", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
              "destination" : [ "obj-19", 1 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-48", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-73", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-55", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-17", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-56", 0 ]  
          }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-58", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-56", 1 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-65", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-58", 0 ]
      }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-19", 1 ],
      "disabled" : 0,
      "hidden" : 0,
    }
  ],
  {
    "patchline" :
```

```

    {
      "destination" : [ "obj-19", 1 ],
      "disabled" : 0,
      "hidden" : 0,
    }
  ],
  {
    "patchline" :
```

```
        "source" : [ "obj-60", 0 ]
    }

},

{
    "patchline" :
        {
            "destination" : [ "obj-60", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-63", 0 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-68", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-64", 0 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-64", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-65", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-66", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-63", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-67", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-69", 1 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-68", 1 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-69", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-68", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-67", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-69", 0 ]
      }
  }

```

```

}

```

```
,
    {
        "patchline" :
            {
                "destination" : [ "obj-48", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-71", 0 ]
            }
    }
,
```

```
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-72", 0 ]
            }
    }
]
```

```
    }
,
    "patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
```

```

        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p duration_drunk"
    }
,
    {
        "bo
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-52",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
            "text" : "s next_note"
        }
    }
,
    {
        "bo
        {
            "id" : "obj-47",

```

```

    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-41",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
    "text" : "r play_time"
  }
},
{
  "bo
  {
    "id" : "obj-37",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],

```

```

        "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-34",
        "maxclass" : "message",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
        "text" : "set $1"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-32",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
        "text" : "match"
    }
}

```

```

    }
  }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-21",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
      "text" : "zl reg"
    }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-20",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 3,
      "outlettype" : [ "int", "int", "int" ],
      "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
      "text" : "unpack 0 0 0"
    }
  }

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-18",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-35",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
    "text" : "$1 0"
}

```

```

,
{
}

```

```
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-29",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int", "int" ],
    "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
    "text" : "unpack 0 0"
}
```

```
,
{
```

```
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-28",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
}
```

```
,
{
```

```
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-27",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 547.0, 40.0, 20.0 ],
    "text" : "zl reg"
}
```

```

    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-27",

    "maxclass" : "newobj",

    "numinlets" : 1,

    "numoutlets" : 2,

    "outlettype" : [ "bang", "int" ],

    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],

    "text" : "t b i"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",

      "fontsize" : 12.0,

      "id" : "obj-26",

      "maxclass" : "newobj",

      "numinlets" : 2,

      "numoutlets" : 1,

      "outlettype" : [ "bang" ],

      "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],

      "text" : "delay"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-16",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
        "text" : "sprintf 144\\, %ld\\, %ld"
    }
},
{
    "bo
    {
        "comment" : "",
        "id" : "obj-61",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
},
{
    "bo
    {
        "comment" : "",
        "id" : "obj-62",
        "maxclass" : "outlet",
        "numinlets" : 1,

```

```

    "numoutlets" : 0,
    "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
  },
  "lines" : [
    {
      "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ],
      "tchline" : {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
      }
    },
    {
      "patching_rect" : [ 182.5, 700.0, 25.0, 25.0 ],
      "tchline" : {
        "destination" : [ "obj-35", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
      }
    },
    {
      "patching_rect" : [ 182.5, 726.0, 25.0, 25.0 ],
      "tchline" : {
        "destination" : [ "obj-62", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
      }
    }
  ]
}

```

```

    "source" : [ "obj-16", 0 ]
    }
  }
  ,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-21", 1 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-18", 1 ]
    }
  }
  ,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-34", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-18", 0 ]
    }
  }
  ,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-109", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-20", 0 ]
    }
  }
  ,
  {

```

```

"pa
tchline" :
{
  "destination" : [ "obj-16", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-20", 1 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-74", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-20", 2 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-20", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-21", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-28", 0 ],

```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
        "source" : [ "obj-27", 1 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
        "source" : [ "obj-27", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-29", 0 ],

```

```

    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-28", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-47", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
    }
```

```

    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-37", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-32", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-34", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-28", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-35", 0 ]
  }
}
,
{
  "pa
```

```
tchline" :
{
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-37", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-41", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-52", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-47", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-18", 0 ],
```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-61", 0 ]
    }
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-27", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-74", 0 ]
}
}
]
,
[ 579.0, 273.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,
"Arial",
me" : "",
,
}
"patching_rect" :
"saved_object_attribute
{
    "default_fontface
    "default_fontnam
    "default_fontsize
    "description" : "",
    "digest" : "",
    "fontface" : 0,
    "fontname" :
    "fontsize" : 12.0,
    "globalpatcherna
    "tags" : ""
}
"text" : "p play"
}

```

```

        ,
        {
            "box" :
                {
                    "fontname" : "Arial",
                    "fontsize" : 12.0,
                    "id" : "obj-14",
                    "maxclass" : "newobj",
                    "numinlets" : 1,
                    "numoutlets" : 1,
                    "outlettype" : [ "" ],
                    "patcher" :
                        {
                            "fileversion" : 1,
                            "appversion" :
                                {
                                    "major" :
                                        6,
                                    "minor" :
                                        1,
                                    "revision" :
                                        8,
                                    "architect
                                        ure" : "x86"
                                }
                            ,
                            "rect" : [ 54.0,
                                94.0, 952.0, 760.0 ],
                            "bglocked" : 0,
                            "openinpresentat
                                ion" : 0,
                            "default_fontsize
                                " : 12.0,
                            "default_fontface
                                " : 0,
                            "default_fontnam
                                e" : "Arial",
                            "gridonopen" : 0,
                            "gridsize" :
                                [ 15.0, 15.0 ],
                            "gridsnaponopen
                                " : 0,
                            "statusbarvisible"
                                : 2,
                            "toolbarvisible" :
                                1,
                            "boxanimatetime
                                " : 200,
                            "imprint" : 0,
                            "enablehscroll" :

```

1,
1,
0.0,

"enablevscroll" :

"devicewidth" :

"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{
"bo
{

x" :

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-109",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patcher" :
{
"fileversion" : 1,
"appversion" :
{
"major" : 6,
"minor" : 1,
"revision" : 8,
"architecture" : "x86"
}

,

"rect" : [0.0, 0.0, 640.0, 480.0],

"bglocked" : 0,

```
"openinpresentation" : 0,

"default_fontsize" : 12.0,

"default_fontface" : 0,

"default_fontname" : "Arial",

"gridonopen" : 0,

"gridsize" : [ 15.0, 15.0 ],

"gridsnaponopen" : 0,

"statusbarvisible" : 2,

"toolbarvisible" : 1,

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "id" : "obj-106",

                "maxclass" : "button",

                "numinlets" : 1,

                "numoutlets" : 1,

                "outlettype" : [ "bang" ],
```

```
        "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-100",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-97",
            "maxclass" : "newobj",
            "numinlets" : 1,
```

```

        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-95",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
            "text" : "random"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```
        "id" : "obj-92",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
            "text" : "+"
        }
},
{
    "box" :
```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
            "text" : "t i b"
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-88",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
                "text" : "+ 1"
            }
    }

```

```

    }
    ,
    {
        "box" :
            {
                "id" : "obj-87",
                "maxclass" : "toggle",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
            }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-83",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 2,
                "outlettype" : [ "", "" ],
                "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
                "text" : "gate 2 1"
            }
    }

```

```
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-82",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
                "text" : "-"
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-80",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
```

```

        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
        "text" : "decide"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-79",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
            "text" : "scale 50 127 1 12"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-78",

```

```

        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
        "text" : "t 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-76",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
            "text" : "split 0 49"
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-12",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
        "text" : "r pitch"
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
        }
},
{
    "box" :

```

```

        {
            "comment" : "",
            "id" : "obj-108",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
        }
    },
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-97", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-100", 0 ]
                }
        },
        {
            "patchline" :
                {
                    "destination" : [ "obj-100", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,

```

```
        "source" : [ "obj-106", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-107", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-76", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-12", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-78", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-76", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-79", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-76", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-78", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```
        {  
          "destination" : [ "obj-100", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-79", 0 ]  
        }  
      },  
      {
```

```
        "patchline" :  
          {  
            "destination" : [ "obj-87", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-80", 0 ]  
          }  
      }  
    },  
    {
```

```
      "patchline" :  
        {  
          "destination" : [ "obj-92", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-82", 0 ]  
        }  
    }  
  }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-82", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-83", 1 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-90", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-83", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-88", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-87", 0 ]  
        }  
}
```

```
    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-83", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-88", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-80", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-89", 1 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-82", 1 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-89", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-90", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-108", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-92", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-89", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-95", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 1 ]
            }
    }

```

```
    ,
    {

```

```

        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 0 ]
            }
    ]
}
,
"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
"text" : "p pitch drunk"

```

```

    }
  }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-74",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "int" ],
      "patcher" :
        {
          "fileversion" : 1,
          "appversion" :
            {
              "major" : 6,
              "minor" : 1,
              "revision" : 8,
              "architecture" : "x86"
            }
        }
    }
  ,
  "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
  "bglocked" : 0,
  "openinpresentation" : 0,
  "default_fontsize" : 12.0,
  "default_fontface" : 0,

```

```
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-71",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
```

```
        "text" : "+ 1."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-60",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-63",
            "maxclass" : "newobj",
            "numinlets" : 2,
```

```

        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
        "text" : "/ 1000."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-64",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```
        "id" : "obj-65",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-66",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
            "text" : "print"
        }
},
{
    "box" :
        {
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-67",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
    }

    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-68",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "bang", "int" ],
                "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
                "text" : "t b i"
            }
    }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-69",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [380.0, 344.0, 61.0, 20.0],

"text" : "random 0"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-58",

"maxclass" : "newobj",

"numinlets" : 6,

"numoutlets" : 1,

"outlettype" : [""],

"patching_rect" : [413.0, 233.0, 105.0, 20.0],

```

        "text" : "scale 0. 49. 0.5 1."
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-56",
        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
        "text" : "split 71 127"
    }
},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-55",
        "maxclass" : "number",
        "numinlets" : 1,

```

```

        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-48",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-43",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
        "text" : "/" 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-42",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
        }

},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-36",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-31",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
                "text" : "print"
            }
    }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-30",

"maxclass" : "flonum",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["float", "bang"],

"parameter_enable" : 0,

"patching_rect" : [201.0, 355.0, 50.0, 20.0]

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-24",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["bang", "int"],

"patching_rect" : [240.0, 298.0, 32.5, 20.0],

```
        "text" : "t b i"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-23",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
        "text" : "random 0"
    }
},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-22",
        "maxclass" : "newobj",
        "numinlets" : 1,
```

```

        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
        "text" : "t 1"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-19",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
            "text" : "* 0."
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-17",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
        "text" : "scale 71. 127. 0. 0.5"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-14",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
            "text" : "split 50 70"
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
            "text" : "r duration"
        }

    }
    ,
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-72",
                "maxclass" : "inlet",
                "numinlets" : 0,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
            }
    }
    ,
    {

```

```

        "box" :
            {
                "comment" : "",
                "id" : "obj-73",
                "maxclass" : "outlet",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
            }
    },
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-11", 0 ]
                }
        }
    ],
    {
        "patchline" :
            {
                "destination" : [ "obj-22", 0 ],
                "disabled" : 0,

```

```
        "hidden" : 0,
        "source" : [ "obj-14", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-56", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-14", 1 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-36", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-17", 0 ]
        }
},
{
    "patchline" :
        {
```

```
        "destination" : [ "obj-55", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-19", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-22", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-30", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-23", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
      {  
        "destination" : [ "obj-23", 1 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-24", 1 ]  
      }  
    },  
    {  
      "patchline" :  
      {  
        "destination" : [ "obj-23", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-24", 0 ]  
      }  
    },  
    {  
      "patchline" :  
      {  
        "destination" : [ "obj-43", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-30", 0 ]  
      }  
    }
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-31", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-36", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-42", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-36", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-24", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-42", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-71", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-43", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-19", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-48", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-73", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-55", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-17", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-56", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-58", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-56", 1 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-65", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-58", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-19", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-60", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-60", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-63", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-68", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-64", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-64", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-65", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-66", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-65", 0 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-63", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-67", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-69", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-68", 1 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-69", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-68", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-67", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-69", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-48", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-71", 0 ]
        }
},
{
    "patchline" :
        {
```

```

        "destination" : [ "obj-19", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-72", 0 ]
    }

}

]

}

,

"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }

,

"text" : "p duration_drunk"

}

}

,
{

```

```

x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
    }
},
x" :
    "id" : "obj-47",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
},
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-41",
    "maxclass" : "newobj",

```

```

    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
    "text" : "r play_time"
  }
},
{
  "bo
{
    "id" : "obj-37",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
  }
},
{
  "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-34",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],

```

```

    "text" : "set $1"
    }
  }
  ,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-32",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
      "text" : "match"
    }
  }
  ,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-21",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
      "text" : "zl reg"
    }
  }

```

```

    }
  }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-20",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 3,
      "outlettype" : [ "int", "int", "int" ],
      "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
      "text" : "unpack 0 0 0"
    }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-18",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
      "text" : "zl slice 1"
    }
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-35",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
    "text" : "$1 0"
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-29",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int", "int" ],
    "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
    "text" : "unpack 0 0"
}

```

```

,
{
}

```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-28",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
      "text" : "zl reg"
}
```

```
, {
```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-27",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "bang", "int" ],
      "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
      "text" : "t b i"
}
```

```
, {
```

```
x" : {"bo
{
```

```

    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-26",

    "maxclass" : "newobj",

    "numinlets" : 2,

    "numoutlets" : 1,

    "outlettype" : [ "bang" ],

    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],

    "text" : "delay"
    }
}
,
{
    "bo
    {
        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-16",

        "maxclass" : "newobj",

        "numinlets" : 2,

        "numoutlets" : 1,

        "outlettype" : [ "" ],

        "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],

        "text" : "sprintf 144\\, %ld\\, %ld"
        }
    }
,
{
    "bo
    {
        "comment" : "",

```

```

        "id" : "obj-61",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
},
    {
        "bo
    {
        "comment" : "",
        "id" : "obj-62",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
},
    {
        "lines" : [
            {
                "pa
            }
        ]
    }
},
    {
        "tchline" :
        {
            "destination" : [ "obj-16", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-109", 0 ]
        }
    }
}

```

```
, {
    "pa
tchline" :
    {
        "destination" : [ "obj-35", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-62", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-16", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 1 ]
    }
},
{
    "pa
tchline" :
    {
```

```

    "destination" : [ "obj-34", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-109", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 1 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-74", 0 ],
    "disabled" : 0,
    "hidden" : 0,
```

```

        "source" : [ "obj-20", 2 ]
    }
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
        "source" : [ "obj-27", 1 ]
    }
    }
}

```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
        "source" : [ "obj-27", 0 ]
    }
},
{
    "pa
```

```
    "tchline" :
    {
        "destination" : [ "obj-29", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-28", 0 ]
    }
},
{
    "pa
```

```
    "tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
},
{
    "pa
```

```
    },
    {
```

```

"pa
tchline" :
{
  "destination" : [ "obj-16", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-29", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-47", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-29", 1 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-37", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-32", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-32", 0 ],

```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-35", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-37", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
```

```
        "source" : [ "obj-41", 0 ]
    }
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-18", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-61", 0 ]
    }
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-27", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-74", 0 ]
    }
    }
}
```

```
,
[ 538.0, 288.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

,

,

{

6,

1,

: 8,

ure" : "x86"
```

```

}
"patching_rect" :
"saved_object_attribute
{
    "default_fontface
    "default_fontnam
    "default_fontsize
    "description" : "",
    "digest" : "",
    "fontface" : 0,
    "fontname" :
    "fontsize" : 12.0,
    "globalpatcherna
    "tags" : ""
}
"text" : "p play"
}
}
{
"box" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-15",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patcher" :
    {
        "fileversion" : 1,
        "appversion" :
        {
            "major" :
            "minor" :
            "revision"
            "architect
```

```

    ,
    94.0, 952.0, 760.0 ],

    "ion" : 0,
    " : 12.0,
    " : 0,
    "e" : "Arial",

    [ 15.0, 15.0 ],
    " : 0,
    : 2,
    1,
    " : 200,

    1,
    1,
    0.0,

    "x" :

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-109",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,

```

```

}

"rect" : [ 54.0,

"bglocked" : 0,
"openinpresentat

"default_fontsize

"default_fontface

"default_fontnam

"gridonopen" : 0,
"gridsize" :

"gridsnaponopen

"statusbarvisible"

"toolbarvisible" :

"boxanimatetime

"imprint" : 0,
"enablehscroll" :

"enablevscroll" :

"devicewidth" :

"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{
    "bo
{

```

```
"outlettype" : [ "int" ],
"patcher" :
{
    "fileversion" : 1,
    "appversion" :
    {
        "major" : 6,
        "minor" : 1,
        "revision" : 8,
        "architecture" : "x86"
    }
},

"rect" : [ 0.0, 0.0, 640.0, 480.0 ],
"bglocked" : 0,
"openinpresentation" : 0,
"default_fontsize" : 12.0,
"default_fontface" : 0,
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
```

```

"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
            {
                "id" : "obj-106",
                "maxclass" : "button",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "bang" ],
                "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-100",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,

```

```

        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-97",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-95",

```

```

        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
        "text" : "random"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-92",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-90",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
        "text" : "+"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
            "text" : "t i b"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-88",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [213.0, 318.0, 32.5, 20.0],

"text" : "+ 1"

}

}

,

{

"box" :

{

"id" : "obj-87",

"maxclass" : "toggle",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"parameter_enable" : 0,

"patching_rect" : [213.0, 291.0, 20.0, 20.0]

}

```

    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-83",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 2,
                "outlettype" : [ "", "" ],
                "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
                "text" : "gate 2 1"
            }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-82",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],

```

```

        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
        "text" : "-"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-80",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
            "text" : "decide"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-79",
            "maxclass" : "newobj",

```

```

        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
        "text" : "scale 50 127 1 12"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-78",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
            "text" : "t 0"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-76",
        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
        "text" : "split 0 49"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-12",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
        "text" : "r pitch"
    }
},
{

```

```

    "box" :
        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
        }
    },
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-108",
                "maxclass" : "outlet",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
            }
    }
],
"lines" : [
    {
        "patchline" :

```

```

{
  "destination" : [ "obj-97", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-100", 0 ]
}

,
{
  "patchline" :
  {
    "destination" : [ "obj-100", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-106", 0 ]
  }
}

,
{
  "patchline" :
  {
    "destination" : [ "obj-83", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-107", 0 ]
  }
}
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-76", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-12", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-78", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-76", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-79", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-76", 1 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-90", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-78", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-100", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-79", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-87", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-80", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-82", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-90", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-83", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-88", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-87", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-88", 0 ]
            }
    }

```

```
    ,
    {

```

```
    "patchline" :  
        {  
            "destination" : [ "obj-80", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-89", 1 ]  
        }  
    },  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-82", 1 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-89", 0 ]  
            }  
        },  
        {  
            "patchline" :  
                {  
                    "destination" : [ "obj-90", 1 ],  
                    "disabled" : 0,  
                    "hidden" : 0,  
                    "source" : [ "obj-89", 0 ]  
                }  
            }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-92", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-90", 0 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-108", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-92", 0 ]
      }
  }
},
{
  "patchline" :
    {
      "destination" : [ "obj-89", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```
        "source" : [ "obj-95", 0 ]
    }

    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 1 ]
            }
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 0 ]
            }
    }
]

}
,
"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
"saved_object_attributes" :
```

```

        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "globalpatchername" : "",
            "tags" : ""
        }
    ,
    "text" : "p pitch drunk"
    }
}
{
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-74",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],
    "patcher" :
        {

```

```
"fileversion" : 1,  
"appversion" :  
    {  
        "major" : 6,  
        "minor" : 1,  
        "revision" : 8,  
        "architecture" : "x86"  
    }
```

,

```
"rect" : [ 0.0, 0.0, 640.0, 480.0 ],  
"bglocked" : 0,  
"openinpresentation" : 0,  
"default_fontsize" : 12.0,  
"default_fontface" : 0,  
"default_fontname" : "Arial",  
"gridonopen" : 0,  
"gridsize" : [ 15.0, 15.0 ],  
"gridsnaponopen" : 0,  
"statusbarvisible" : 2,  
"toolbarvisible" : 1,  
"boxanimatetime" : 200,  
"imprint" : 0,  
"enablehscroll" : 1,  
"enablevscroll" : 1,  
"devicewidth" : 0.0,  
"description" : "",
```

```

"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-71",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
                "text" : "+ 1."
            }
    }
,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-60",
                "maxclass" : "flonum",
                "numinlets" : 1,
                "numoutlets" : 2,

```

```

        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-63",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-64",

```

```

        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-65",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-66",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
        "text" : "print"
    }

}

,

{

    "box" :

        {

            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
        }

}

,

{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-68",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "bang", "int" ],  
        "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],  
        "text" : "t b i"  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-69",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],  
        "text" : "random 0"
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-58",
                "maxclass" : "newobj",
                "numinlets" : 6,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
                "text" : "scale 0. 49. 0.5 1."
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-56",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,

```

```
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
        "text" : "split 71 127"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-55",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-48",
```

```
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-43",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }
},
{
    "box" :
        {
```

```
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-42",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-36",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
}
```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-31",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 0,

"patching_rect" : [289.5, 250.0, 34.0, 20.0],

"text" : "print"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-30",

"maxclass" : "flonum",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["float", "bang"],

"parameter_enable" : 0,

"patching_rect" : [201.0, 355.0, 50.0, 20.0]

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-24",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "bang", "int" ],
                "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
                "text" : "t b i"
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-23",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "int" ],
        "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-22",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
            "text" : "t 1"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-19",

```

```

        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
        "text" : "* 0."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-17",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
            "text" : "scale 71. 127. 0. 0.5"
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-14",
        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
        "text" : "split 50 70"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
            "text" : "r duration"
        }
}

```

,

{

"box" :

{

"comment" : "",

"id" : "obj-72",

"maxclass" : "inlet",

"numinlets" : 0,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [78.5, 40.0, 25.0, 25.0]

}

}

,

{

"box" :

{

"comment" : "",

"id" : "obj-73",

"maxclass" : "outlet",

"numinlets" : 1,

"numoutlets" : 0,

"patching_rect" : [50.0, 550.452148, 25.0, 25.0]

}

}

],

"lines" : [

{

```
      "patchline" :  
          {  
              "destination" : [ "obj-14", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-11", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-22", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-14", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-56", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-14", 1 ]  
          }  
    }
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-36", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-17", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-55", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-19", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-19", 1 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-22", 0 ]
    }

},

{
    "patchline" :
        {
            "destination" : [ "obj-30", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-23", 0 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-23", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-24", 1 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-23", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-24", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-43", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-30", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-31", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-36", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-42", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-36", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-24", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-42", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-71", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-43", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-19", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-48", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-73", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-55", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-17", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-56", 0 ]  
        }  
}
```

```
    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-58", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-56", 1 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-65", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-58", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-19", 1 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-60", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-60", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-63", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-68", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-64", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-64", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-65", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-66", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-63", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-67", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
              "destination" : [ "obj-69", 1 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-68", 1 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-69", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-68", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-67", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-69", 0 ]  
          }  
    }
```

```

    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-48", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-71", 0 ]
            }
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-72", 0 ]
            }
    }
]
}
,
"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,

```

```

        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p duration_drunk"
}

},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
}

},
{
    "bo
{

```

```

        "id" : "obj-47",

        "maxclass" : "button",

        "numinlets" : 1,

        "numoutlets" : 1,

        "outlettype" : [ "bang" ],

        "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
},
{
    "bo
    {
        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-41",

        "maxclass" : "newobj",

        "numinlets" : 0,

        "numoutlets" : 1,

        "outlettype" : [ "" ],

        "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],

        "text" : "r play_time"
    }
},
{
    "bo
    {
        "id" : "obj-37",

        "maxclass" : "button",

        "numinlets" : 1,

        "numoutlets" : 1,

```

```

        "outlettype" : [ "bang" ],
        "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-34",
        "maxclass" : "message",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
        "text" : "set $1"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-32",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],

```

```

        "text" : "match"
    }
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
    "text" : "zl reg"
}
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-20",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
}
}

```

```

    }
  }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-18",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
      "text" : "zl slice 1"
    }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-35",
      "maxclass" : "message",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
      "text" : "$1 0"
    }

```

```
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-29",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int", "int" ],
    "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
    "text" : "unpack 0 0"
}
```

```
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-28",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
}
```

```
,
{
}
```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-27",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "bang", "int" ],
      "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
      "text" : "t b i"
}
```

```
, {
```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-26",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
      "text" : "delay"
}
```

```
, {
```

```
x" : {"bo
{
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-16",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
        "text" : "sprintf 144\\, %ld\\, %ld"
    }
}
,
x" :
    "comment" : "",
    "id" : "obj-61",
    "maxclass" : "inlet",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
}
}
,
x" :
    "comment" : "",
    "id" : "obj-62",
    "maxclass" : "outlet",

```

```

    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
  }
],
  "lines" : [
    {
      "pa
tchline" :
    {
      "destination" : [ "obj-16", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-109", 0 ]
    }
  }
,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-35", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-109", 0 ]
    }
  }
,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-62", 0 ],
      "disabled" : 0,

```

```
        "hidden" : 0,
        "source" : [ "obj-16", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 1 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-34", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-109", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 0 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 1 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {

```

```

        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
}
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
        "source" : [ "obj-27", 1 ]
    }
}
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
        "source" : [ "obj-27", 0 ]
    }
}
,
    {
        "pa
tchline" :
    {

```

```

    "destination" : [ "obj-29", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-28", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-16", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-47", 0 ],
    "disabled" : 0,
    "hidden" : 0,
```

```

        "source" : [ "obj-29", 1 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-37", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-32", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-35", 0 ]
    }
}
}

```

```
, {
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-37", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-41", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
},
{
    "pa
tchline" :
    {
```

```

        "destination" : [ "obj-18", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-61", 0 ]
    }
}
,
    "patching_rect" : [ 523.0, 273.0, 43.0, 20.0 ],
    "saved_object_attribute" : {
        "default_fontface" : "Arial",
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    },
    "text" : "p play"

```

```

        }
    }
    ,
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-16",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patcher" :
            {
                "fileversion" : 1,
                "appversion" :
                {
                    "major" :
                    6,
                    "minor" :
                    1,
                    "revision" : 8,
                    "architect
ure" : "x86"
                }
            },
            "rect" : [ 54.0,
94.0, 952.0, 760.0 ],
            "bglocked" : 0,
            "openinpresentat
ion" : 0,
            "default_fontsize
" : 12.0,
            "default_fontface
" : 0,
            "default_fontnam
e" : "Arial",
            "gridonopen" : 0,
            "gridsize" :
[ 15.0, 15.0 ],
            "gridsnaponopen
" : 0,
            "statusbarvisible"
: 2,
            "toolbarvisible" :
1,
            "boxanimatetime
" : 200,

```

```

1,
1,
0.0,

x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-109",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],
    "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
                {
                    "major" : 6,
                    "minor" : 1,
                    "revision" : 8,
                    "architecture" : "x86"
                }
        },
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
    "description" : "",
    "digest" : "",
    "tags" : "",
    "boxes" : [
        {
            "bo

```

```
"bglocked" : 0,

"openinpresentation" : 0,

"default_fontsize" : 12.0,

"default_fontface" : 0,

"default_fontname" : "Arial",

"gridonopen" : 0,

"gridsize" : [ 15.0, 15.0 ],

"gridsnaponopen" : 0,

"statusbarvisible" : 2,

"toolbarvisible" : 1,

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "id" : "obj-106",

                "maxclass" : "button",

                "numinlets" : 1,

                "numoutlets" : 1,
```

```

        "outlettype" : [ "bang" ],
        "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
    }

    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-100",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
            }
    }

    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-97",
                "maxclass" : "newobj",

```

```

        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-95",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
            "text" : "random"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```
        "fontsize" : 12.0,
        "id" : "obj-92",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-90",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
        "text" : "+"
    }
},
{
```

```

"box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-89",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
        "text" : "t i b"
    }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-88",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
            "text" : "+ 1"
        }
    }
}

```

```

    }

    },
    {
        "box" :
            {
                "id" : "obj-87",
                "maxclass" : "toggle",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-83",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 2,
                "outlettype" : [ "", "" ],
                "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],

```

```

        "text" : "gate 2 1"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-82",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
        "text" : "-"
    }
},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-80",
        "maxclass" : "newobj",
        "numinlets" : 2,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
        "text" : "decide"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-79",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
            "text" : "scale 50 127 1 12"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-78",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
        "text" : "t 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-76",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
            "text" : "split 0 49"
        }
},
{
    "box" :

```

```
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-12",  
            "maxclass" : "newobj",  
            "numinlets" : 0,  
            "numoutlets" : 1,  
            "outlettype" : [ "" ],  
            "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],  
            "text" : "r pitch"  
        }  
    }  
,  
    {  
        "box" :  
            {  
                "comment" : "",  
                "id" : "obj-107",  
                "maxclass" : "inlet",  
                "numinlets" : 0,  
                "numoutlets" : 1,  
                "outlettype" : [ "int" ],  
                "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]  
            }  
        }  
    },  
    {
```

```

        "box" :
            {
                "comment" : "",
                "id" : "obj-108",
                "maxclass" : "outlet",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
            }
    },
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-97", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-100", 0 ]
                }
        }
    ],
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,

```

```
        "hidden" : 0,
        "source" : [ "obj-106", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-107", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-76", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-12", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-78", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-76", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-79", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-76", 1 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-78", 0 ]
            }
    }

```

```
    ,
    {

```

```
    "patchline" :  
        {  
            "destination" : [ "obj-100", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-79", 0 ]  
        }  
    }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-87", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-80", 0 ]  
            }  
        }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-92", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-82", 0 ]  
            }  
        }
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-82", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-83", 1 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-90", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-83", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-88", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-87", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-83", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-88", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-80", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-89", 1 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-82", 1 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-90", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```
        {  
          "destination" : [ "obj-108", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-92", 0 ]  
        }  
      },  
      ,  
      {  
        "patchline" :  
          {  
            "destination" : [ "obj-89", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-95", 0 ]  
          }  
      }  
    },  
    ,  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-95", 1 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-97", 1 ]  
        }  
      }  
    }  
  }  
}
```

```
,
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 0 ]
            }
    }
]
```

```
    }
,
    "patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "globalpatchername" : "",
            "tags" : ""
        }
,
```

```

    "text" : "p pitch drunk"
    }
  }
  ,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-74",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "int" ],
      "patcher" :
        {
          "fileversion" : 1,
          "appversion" :
            {
              "major" : 6,
              "minor" : 1,
              "revision" : 8,
              "architecture" : "x86"
            }
        }
    ,
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
    "bglocked" : 0,
    "openinpresentation" : 0,
    "default_fontsize" : 12.0,

```

```
"default_fontface" : 0,
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-71",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
```

```
        "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
        "text" : "+ 1."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-60",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
        }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-63",
            "maxclass" : "newobj",
```

```
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
        "text" : "/ 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-64",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
```

```

        "fontsize" : 12.0,
        "id" : "obj-65",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

}

,

{

    "box" :

        {

            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-66",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
            "text" : "print"
        }

}

,

{

    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-68",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "bang", "int" ],
                "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
                "text" : "t b i"
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-69",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
        "text" : "random 0"
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-58",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
```

```

        "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
        "text" : "scale 0. 49. 0.5 1."
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-56",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,
                "outlettype" : [ "int", "int" ],
                "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
                "text" : "split 71 127"
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-55",
                "maxclass" : "number",

```

```

        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-48",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-43",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
        "text" : "/" 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-42",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
        }

},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-36",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "float" ],  
        "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],  
        "text" : "*" 1000."  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-31",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 0,  
        "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],  
        "text" : "print"  
    }
```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-30",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-24",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
```

```
        "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-23",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-22",
            "maxclass" : "newobj",
```

```

        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
        "text" : "t 1"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-19",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
            "text" : "* 0."
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-17",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
        "text" : "scale 71. 127. 0. 0.5"
    }

}

,

{

    "box" :

        {

            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-14",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
            "text" : "split 50 70"
        }

}

,

{

```

```

    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
            "text" : "r duration"
        }
    }
    ,
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-72",
                "maxclass" : "inlet",
                "numinlets" : 0,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
            }
        }
    }

```

```

    ,
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-73",
                "maxclass" : "outlet",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
            }
    },
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-11", 0 ]
                }
        }
    ],
    {
        "patchline" :
            {
                "destination" : [ "obj-22", 0 ],

```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-14", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-56", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-36", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-17", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

{
  "destination" : [ "obj-55", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-19", 0 ]
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-19", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-22", 0 ]
  }
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-30", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-23", 0 ]
  }
}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-23", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-24", 1 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-23", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-24", 0 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-43", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-30", 0 ]  
        }  
}
```

```
    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-31", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-36", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-42", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-36", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-24", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-42", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-71", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-43", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-48", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-73", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-55", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-17", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-56", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-58", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-56", 1 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :
      {
        "destination" : [ "obj-65", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-58", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-19", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-60", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-60", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-63", 0 ]
      }
    }
  ]
}
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-68", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-64", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-64", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-65", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-66", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-65", 0 ]
    }

},

{
    "patchline" :
        {
            "destination" : [ "obj-63", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-67", 0 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-69", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-68", 1 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-69", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-68", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-67", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-69", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-48", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-71", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

        {
            "destination" : [ "obj-19", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-72", 0 ]
        }
    ]
}
,
"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
"text" : "p duration_drunk"
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
}

```

```

,
x" :
    "id" : "obj-47",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-41",

```

```

    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
    "text" : "r play_time"
    }
  }
  {
    "bo
    {
      "id" : "obj-37",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-34",
      "maxclass" : "message",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],

```

```

    "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
    "text" : "set $1"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-32",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
    "text" : "match"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],

```

```

    "text" : "zl reg"
    }
  }
  ,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-20",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 3,
      "outlettype" : [ "int", "int", "int" ],
      "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
      "text" : "unpack 0 0 0"
    }
  }
  ,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-18",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
      "text" : "zl slice 1"
    }
  }

```

```

    }
  }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-35",
      "maxclass" : "message",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
      "text" : "$1 0"
    }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-29",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "int", "int" ],
      "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
      "text" : "unpack 0 0"
    }

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-28",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-27",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
}

```

```

,
{
}

```

```
x" :  
  
    "fontname" : "Arial",  
  
    "fontsize" : 12.0,  
  
    "id" : "obj-26",  
  
    "maxclass" : "newobj",  
  
    "numinlets" : 2,  
  
    "numoutlets" : 1,  
  
    "outlettype" : [ "bang" ],  
  
    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],  
  
    "text" : "delay"  
  
}
```

```
,  
{
```

```
    "bo  
    {  
  
    "fontname" : "Arial",  
  
    "fontsize" : 12.0,  
  
    "id" : "obj-16",  
  
    "maxclass" : "newobj",  
  
    "numinlets" : 2,  
  
    "numoutlets" : 1,  
  
    "outlettype" : [ "" ],  
  
    "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],  
  
    "text" : "sprintf 144\\, %ld\\, %ld"  
  
}
```

```
,  
{
```

```
    "bo  
    {
```

```

        "comment" : "",
        "id" : "obj-61",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
},
{
    "bo
    {
        "comment" : "",
        "id" : "obj-62",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
},
{
    "lines" : [
    {
        "pa
    }
}

tchline" :
{
    "destination" : [ "obj-16", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-109", 0 ]
}

```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-35", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
}
```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-62", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-16", 0 ]
    }
}
```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-21", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 1 ]
    }
}
```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-21", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 1 ]
    }
}
```

```
{
  "destination" : [ "obj-34", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-18", 0 ]
},
{
  "pa
tchline" :
  {
    "destination" : [ "obj-109", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 0 ]
  },
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-16", 1 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-20", 1 ]
    },
    {
      "pa
tchline" :
      {
        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
```

```

        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
},
{
    "path" : "pa
tchline" :
{
    "destination" : [ "obj-20", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-21", 0 ]
}
},
{
    "path" : "pa
tchline" :
{
    "destination" : [ "obj-28", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-26", 0 ]
}
},
{
    "path" : "pa
tchline" :
{
    "destination" : [ "obj-26", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],

```

```

        "source" : [ "obj-27", 1 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
        "source" : [ "obj-27", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-29", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-28", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
}

```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 0 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-47", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-37", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-32", 0 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {

```

```

    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-34", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-35", 0 ]
        }
        }
        {
        "pa
tchline" :
        {
            "destination" : [ "obj-21", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-37", 0 ]
            }
            }
            {
            "pa
tchline" :
            {
                "destination" : [ "obj-32", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-41", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-18", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-61", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-27", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-74", 0 ]
    }
}
```

```

]
,
[ 487.0, 288.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",
,
,
,

6,
1,
: 8,

```

```

    }

    }

    "patching_rect" :

    "saved_object_attribute
    {
        "default_fontface

        "default_fontnam

        "default_fontsize

        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" :

        "fontsize" : 12.0,
        "globalpatcherna

        "tags" : ""
    }

    "text" : "p play"
}

}
{

"box" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-17",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patcher" :

    {

        "fileversion" : 1,
        "appversion" :
        {
            "major" :

            "minor" :

            "revision"

```

```

ure" : "x86"
,
94.0, 952.0, 760.0 ],
ion" : 0,
" : 12.0,
" : 0,
e" : "Arial",
[ 15.0, 15.0 ],
" : 0,
: 2,
1,
" : 200,
1,
1,
0.0,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-109",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "architect
}
"rect" : [ 54.0,
"bglocked" : 0,
"openinpresentat
"default_fontsize
"default_fontface
"default_fontnam
"gridonopen" : 0,
"gridsize" :
"gridsnaponopen
"statusbarvisible"
"toolbarvisible" :
"boxanimatetime
"imprint" : 0,
"enablehscroll" :
"enablevscroll" :
"devicewidth" :
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{
    "bo
{

```

```
"numoutlets" : 1,
"outlettype" : [ "int" ],
"patcher" :
{
  "fileversion" : 1,
  "appversion" :
    {
      "major" : 6,
      "minor" : 1,
      "revision" : 8,
      "architecture" : "x86"
    }
},
"rect" : [ 0.0, 0.0, 640.0, 480.0 ],
"bglocked" : 0,
"openinpresentation" : 0,
"default_fontsize" : 12.0,
"default_fontface" : 0,
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
```

```
"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "id" : "obj-106",

                "maxclass" : "button",

                "numinlets" : 1,

                "numoutlets" : 1,

                "outlettype" : [ "bang" ],

                "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]

            }

    }

],

{

    "box" :

        {

            "fontname" : "Arial",

            "fontsize" : 12.0,

            "id" : "obj-100",

            "maxclass" : "number",

            "numinlets" : 1,
```

```

        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-97",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-95",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
        "text" : "random"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-92",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
            "text" : "+"
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-89",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
                "text" : "t i b"
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-88",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
        "text" : "+ 1"
      }
    },
    {
      "box" :
      {
        "id" : "obj-87",
        "maxclass" : "toggle",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
      }
    }
  ]
}
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-83",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 2,
                "outlettype" : [ "", "" ],
                "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
                "text" : "gate 2 1"
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-82",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "int" ],
        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
        "text" : "-"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-80",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
            "text" : "decide"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-79",

```

```

        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
        "text" : "scale 50 127 1 12"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-78",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
            "text" : "t 0"
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-76",
        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
        "text" : "split 0 49"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-12",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
            "text" : "r pitch"
        }
}

```

,

{

"box" :

{

"comment" : "",

"id" : "obj-107",

"maxclass" : "inlet",

"numinlets" : 0,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [107.0, 40.0, 25.0, 25.0]

}

}

,

{

"box" :

{

"comment" : "",

"id" : "obj-108",

"maxclass" : "outlet",

"numinlets" : 1,

"numoutlets" : 0,

"patching_rect" : [80.0, 527.0, 25.0, 25.0]

}

}

],

"lines" : [

{

```
    "patchline" :  
        {  
            "destination" : [ "obj-97", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-100", 0 ]  
        }  
    }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-100", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-106", 0 ]  
            }  
        }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-83", 1 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-107", 0 ]  
            }  
        }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-76", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-12", 0 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-78", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-76", 0 ]
      }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-78", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-76", 0 ]
    }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-79", 0 ],
      "disabled" : 0,
      "hidden" : 0,

```

```
        "source" : [ "obj-76", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-78", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-79", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-87", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-80", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-82", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 1 ]
            }
    }

    },
    {
        "patchline" :
```

```

{
  "destination" : [ "obj-90", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-83", 0 ]
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-88", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-87", 0 ]
  }
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-83", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-88", 0 ]
  }
}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-80", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-89", 1 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-82", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-89", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-90", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-89", 0 ]  
        }  
}
```

```
    }

    },
    {
      "patchline" :
        {
          "destination" : [ "obj-92", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-90", 0 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-108", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-92", 0 ]
      }
  }
  ,
  {
    "patchline" :
      {
        "destination" : [ "obj-89", 0 ],
        "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-95", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 1 ]
            }
    }
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 0 ]
            }
    }
]
}
,
"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
```

```

"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p pitch drunk"
    }
,
    {
        "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-74",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],
    "patcher" :

```

```
{
  "fileversion" : 1,
  "appversion" :
    {
      "major" : 6,
      "minor" : 1,
      "revision" : 8,
      "architecture" : "x86"
    }
},
  "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
  "bglocked" : 0,
  "openinpresentation" : 0,
  "default_fontsize" : 12.0,
  "default_fontface" : 0,
  "default_fontname" : "Arial",
  "gridonopen" : 0,
  "gridsize" : [ 15.0, 15.0 ],
  "gridsnaponopen" : 0,
  "statusbarvisible" : 2,
  "toolbarvisible" : 1,
  "boxanimatetime" : 200,
  "imprint" : 0,
  "enablehscroll" : 1,
  "enablevscroll" : 1,
  "devicewidth" : 0.0,
```

```

"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-71",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
                "text" : "+ 1."
            }
    }
],
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-60",
            "maxclass" : "flonum",
            "numinlets" : 1,

```

```
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-63",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
```

```

        "id" : "obj-64",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-65",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-66",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
            "text" : "print"
        }
    },
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
        }
    }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-68",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["bang", "int"],

"patching_rect" : [419.0, 316.0, 32.5, 20.0],

"text" : "t b i"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-69",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [380.0, 344.0, 61.0, 20.0],

```

        "text" : "random 0"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-58",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
        "text" : "scale 0. 49. 0.5 1."
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-56",
        "maxclass" : "newobj",
        "numinlets" : 3,

```

```
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
        "text" : "split 71 127"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-55",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
```

```

        "id" : "obj-48",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-43",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-42",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-36",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
                "text" : "* 1000."
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-31",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
        "text" : "print"
      }
    }
  ],
  {
    "box" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-30",
      "maxclass" : "flonum",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "float", "bang" ],
      "parameter_enable" : 0,
```

```
        "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-23",
            "maxclass" : "newobj",
            "numinlets" : 2,
```

```

        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-22",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
            "text" : "t 1"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-19",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
        "text" : "* 0."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-17",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
            "text" : "scale 71. 127. 0. 0.5"
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-14",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
            "text" : "split 50 70"
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-11",
                "maxclass" : "newobj",
                "numinlets" : 0,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
                "text" : "r duration"
            }
    }

```

```
    },
    {
      "box" :
      {
        "comment" : "",
        "id" : "obj-72",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
      }
    }
  },
  {
    "box" :
    {
      "comment" : "",
      "id" : "obj-73",
      "maxclass" : "outlet",
      "numinlets" : 1,
      "numoutlets" : 0,
      "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
    }
  }
],
```

```
"lines" : [
    {
        "patchline" :
            {
                "destination" : [ "obj-14", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-11", 0 ]
            }
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-22", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 0 ]
            }
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-56", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 1 ]
            }
    }
]
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-36", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-17", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-55", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-19", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-19", 1 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-22", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-30", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-23", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-23", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-24", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-43", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-30", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-31", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-36", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
              "destination" : [ "obj-42", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-36", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-24", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-42", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-71", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-43", 0 ]  
          }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-19", 1 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-48", 0 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-73", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-55", 0 ]
      }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-17", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-17", 0 ],
    }
  ],
  {
    "patchline" :
```

```

    {
      "destination" : [ "obj-17", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-17", 0 ],
    }
  ],
  {
    "patchline" :
```

```
        "source" : [ "obj-56", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-58", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-56", 1 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-65", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-58", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-19", 1 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-60", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-60", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-63", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-68", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-64", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-64", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-65", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-66", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-65", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-63", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-67", 0 ]
      }
  }
}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-69", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-68", 1 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-69", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-68", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-67", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-69", 0 ]  
        }  
}
```

```

        }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-48", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-71", 0 ]
            }
    }
},
{
    "patchline" :
        {
            "destination" : [ "obj-19", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-72", 0 ]
        }
}

]

}

,

"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
"saved_object_attributes" :
    {

```

```

        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p duration_drunk"
    }
    }
,
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
    }
    }
,
    {

```

```

x" :
    "id" : "obj-47",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
},
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-41",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
    "text" : "r play_time"
    }
},
x" :
    "id" : "obj-37",
    "maxclass" : "button",
    "numinlets" : 1,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-34",
        "maxclass" : "message",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
        "text" : "set $1"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-32",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],

```

```

    "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
    "text" : "match"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
    "text" : "zl reg"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-20",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],

```

```

    "text" : "unpack 0 0 0"
    }
  }
  ,
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-18",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
  }
  ,
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-35",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
    "text" : "$1 0"
  }

```

```

    }
  }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-29",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "int", "int" ],
      "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
      "text" : "unpack 0 0"
    }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-28",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
      "text" : "zl reg"
    }

```

```
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-27",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
}
```

```
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-26",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
    "text" : "delay"
}
```

```
,
{
}
```

```

x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-16",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
    "text" : "sprintf 144\\, %ld\\, %ld"
    }
},
{
    "bo
    {
x" :
    "comment" : "",
    "id" : "obj-61",
    "maxclass" : "inlet",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
},
{
    "bo
    {
x" :
    "comment" : "",
    "id" : "obj-62",

```

```

        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
}
],
    "lines" : [
    {
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ],
        "tchline" :
        {
            "destination" : [ "obj-16", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-109", 0 ]
        }
    },
    {
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ],
        "tchline" :
        {
            "destination" : [ "obj-35", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-109", 0 ]
        }
    },
    {
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ],
        "tchline" :
        {
            "destination" : [ "obj-62", 0 ],

```

```

    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-16", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-21", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 1 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-34", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-109", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 0 ]
  }
```

```

    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 1 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-74", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 2 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-20", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-21", 0 ]
  }
}
,
{
  "pa
```

```

tchline" :
{
    "destination" : [ "obj-28", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-26", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-26", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
    "source" : [ "obj-27", 1 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-26", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
    "source" : [ "obj-27", 0 ]
}
},
{
    "pa
tchline" :

```

```
{
  "destination" : [ "obj-29", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-28", 0 ]
},
{
  "pa
tchline" :
  {
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
  },
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-16", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-29", 0 ]
    },
    {
      "pa
tchline" :
      {
        "destination" : [ "obj-47", 0 ],
        "disabled" : 0,
```

```

        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-37", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-32", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-35", 0 ]
    }
}

```

```

,
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-37", 0 ]
    }
}

```

```

,
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-41", 0 ]
    }
}

```

```

,
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
}

```

```

,
    }
    {
        "pa
tchline" :

```

```

        {
            "destination" : [ "obj-18", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-61", 0 ]
        }
    }
    ,
    {
        "patching_rect" :
        {
            "destination" : [ "obj-27", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-74", 0 ]
        }
    }
]
,
[ 472.0, 273.0, 43.0, 20.0 ],
"s" :
" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",

        "patching_rect" :
        "saved_object_attribute"
        {
            "default_fontface"
            "default_fontnam
            "default_fontsize
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" :
            "fontsize" : 12.0,
            "globalpatcherna
            "tags" : ""
        }
    }

```

```

,
    "text" : "p play"
}
}
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-72",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
            {
                "major" :
                "minor" :
                "revision"
                "architect
            }
        },
        "rect" : [ 54.0,
        "bglocked" : 0,
        "openinpresentat
        "default_fontsize
        "default_fontface
        "default_fontnam
        "gridonopen" : 0,
        "gridsize" :
        "gridsnaponopen
        "statusbarvisible"
        "toolbarvisible" :
        6,
        1,
        : 8,
        ure" : "x86"
        94.0, 952.0, 760.0 ],
        ion" : 0,
        " : 12.0,
        " : 0,
        e" : "Arial",
        [ 15.0, 15.0 ],
        " : 0,
        : 2,
        1,

```

```

" : 200,

1,

1,

0.0,

x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-109",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],
    "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
                {
                    "major" : 6,
                    "minor" : 1,
                    "revision" : 8,
                    "architecture" : "x86"
                }
        },
    "boxanimatetime"
    "imprint" : 0,
    "enablehscroll" :
    "enablevscroll" :
    "devicewidth" :
    "description" : "",
    "digest" : "",
    "tags" : "",
    "boxes" : [
        {
            "bo
        {

```

```
"rect" : [ 0.0, 0.0, 640.0, 480.0 ],
"bglocked" : 0,
"openinpresentation" : 0,
"default_fontsize" : 12.0,
"default_fontface" : 0,
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
        {
            "id" : "obj-106",
            "maxclass" : "button",
            "numinlets" : 1,
```

```

        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-100",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
        }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-97",

```

```

        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-95",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
            "text" : "random"
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-92",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
            "text" : "+"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-89",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"patching_rect" : [164.0, 245.0, 32.5, 20.0],

"text" : "t i b"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-88",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [213.0, 318.0, 32.5, 20.0],

```
        "text" : "+ 1"
    }
},
{
    "box" :
    {
        "id" : "obj-87",
        "maxclass" : "toggle",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
    }
},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-83",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
```

```
        "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
        "text" : "gate 2 1"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-82",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
            "text" : "-"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-80",
            "maxclass" : "newobj",
```

```

        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
        "text" : "decide"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-79",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
            "text" : "scale 50 127 1 12"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-78",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
        "text" : "t 0"
    }

}

,

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-76",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
            "text" : "split 0 49"
        }

}

,

{

```

```

    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-12",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
            "text" : "r pitch"
        }
    }
,
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
        }
    }
}

```

```

    ,
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-108",
                "maxclass" : "outlet",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
            }
    }
],
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-97", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-100", 0 ]
                }
        }
    ],
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],

```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-106", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-107", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-76", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-12", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-78", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-76", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-79", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-76", 1 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-90", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-78", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-100", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-79", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-87", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-80", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-92", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-82", 0 ]  
        }  
}
```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 1 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-88", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-87", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-88", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-80", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-82", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-90", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :
      {
        "destination" : [ "obj-108", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-92", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-89", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-95", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-95", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-97", 1 ]
      }
    }
  ]
}
```

```
    }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-95", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-97", 0 ]  
            }  
    }  
]
```

```
}  
,  
"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],  
"saved_object_attributes" :  
    {  
        "default_fontface" : 0,  
        "default_fontname" : "Arial",  
        "default_fontsize" : 12.0,  
        "description" : "",  
        "digest" : "",  
        "fontface" : 0,  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "globalpatchername" : "",  
        "tags" : ""
```

```

    }
    ,
    "text" : "p pitch drunk"
    }
    }
    ,
    {
    "bo
    {
    x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-74",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],
    "patcher" :
    {
    "fileversion" : 1,
    "appversion" :
    {
    "major" : 6,
    "minor" : 1,
    "revision" : 8,
    "architecture" : "x86"
    }
    ,
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
    "bglocked" : 0,
    "openinpresentation" : 0,

```

```
"default_fontsize" : 12.0,
"default_fontface" : 0,
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-71",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
```

```

        "outlettype" : [ "float" ],
        "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
        "text" : "+ 1."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-60",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
        }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-63",

```

```

        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
        "text" : "/ 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-64",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-65",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-66",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
            "text" : "print"
        }
},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-67",  
        "maxclass" : "flonum",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "float", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-68",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "bang", "int" ],  
        "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],  
        "text" : "t b i"
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-69",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
                "text" : "random 0"
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-58",
                "maxclass" : "newobj",
                "numinlets" : 6,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "" ],
        "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
        "text" : "scale 0. 49. 0.5 1."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-56",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
            "text" : "split 71 127"
        }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-55",

```

```

        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-48",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
        }

},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-43",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
        "text" : "/ 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-42",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-36",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["float"],

"patching_rect" : [234.0, 250.0, 49.0, 20.0],

"text" : "* 1000."

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-31",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 0,

"patching_rect" : [289.5, 250.0, 34.0, 20.0],

"text" : "print"

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-30",
                "maxclass" : "flonum",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "float", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-24",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,

```

```

        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-23",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-22",

```

```

        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
        "text" : "t 1"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-19",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
            "text" : "* 0."
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-17",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
        "text" : "scale 71. 127. 0. 0.5"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-14",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
            "text" : "split 50 70"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-11",

"maxclass" : "newobj",

"numinlets" : 0,

"numoutlets" : 1,

"outlettype" : [""],

"patching_rect" : [201.0, 100.0, 61.0, 20.0],

"text" : "r duration"

}

}

,

{

"box" :

{

"comment" : "",

"id" : "obj-72",

"maxclass" : "inlet",

"numinlets" : 0,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [78.5, 40.0, 25.0, 25.0]

}

```

    }
    ,
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-73",
                "maxclass" : "outlet",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
            }
    }
],
"lines" : [
    {
        "patchline" :
            {
                "destination" : [ "obj-14", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-11", 0 ]
            }
    }
    ,
    {
        "patchline" :
            {

```

```
        "destination" : [ "obj-22", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-14", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-56", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 1 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-36", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-17", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
              "destination" : [ "obj-55", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-19", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-19", 1 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-22", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-30", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-23", 0 ]  
          }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-23", 1 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-24", 1 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-23", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-24", 0 ]
      }
  }
],
{
  "patchline" :
```

```
    {
      "destination" : [ "obj-23", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-24", 0 ]
    }
  }
],
{
  "patchline" :
```

```
    {
      "destination" : [ "obj-43", 0 ],
      "disabled" : 0,
      "hidden" : 0,

```

```
        "source" : [ "obj-30", 0 ]
    }

},

{
    "patchline" :
        {
            "destination" : [ "obj-31", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-36", 0 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-42", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-36", 0 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-24", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-42", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-71", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-43", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-48", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-73", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-55", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-17", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-56", 0 ]
      }
  }

```

```

  ,
  {
    "patchline" :
      {
        "destination" : [ "obj-58", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-56", 1 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-65", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-58", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-19", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-60", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-60", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-63", 0 ]  
        }  
}
```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-68", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-64", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-64", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-66", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-65", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-63", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-67", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-69", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-68", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-67", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-69", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-48", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-71", 0 ]
            }
    }

```

```
    ,
    {

```

```

        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-72", 0 ]
            }
    }
]
,
    "patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "globalpatchername" : "",
            "tags" : ""
        }
,
    "text" : "p duration_drunk"

```

```

    }
  }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-52",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 0,
      "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
      "text" : "s next_note"
    }

```

```

  }
  ,
  "x" :
    {
      "id" : "obj-47",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }

```

```

  }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,

```

```

        "id" : "obj-41",

        "maxclass" : "newobj",

        "numinlets" : 0,

        "numoutlets" : 1,

        "outlettype" : [ "" ],

        "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],

        "text" : "r play_time"
    }
}

,
x" :
    {
        "id" : "obj-37",

        "maxclass" : "button",

        "numinlets" : 1,

        "numoutlets" : 1,

        "outlettype" : [ "bang" ],

        "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
}

,
x" :
    {
        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-34",

        "maxclass" : "message",

        "numinlets" : 2,

        "numoutlets" : 1,

```

```

        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
        "text" : "set $1"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-32",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
        "text" : "match"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-21",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],

```

```

    "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
    "text" : "zl reg"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-20",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-18",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],

```

```

    "text" : "zl slice 1"
    }
  }
  ,
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-35",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
    "text" : "$1 0"
  }
  }
  ,
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-29",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int", "int" ],
    "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
    "text" : "unpack 0 0"
  }
  }

```

```

    }
  }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-28",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
      "text" : "zl reg"
    }
  }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-27",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "bang", "int" ],
      "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
      "text" : "t b i"
    }
  }

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-26",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
    "text" : "delay"
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-16",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
    "text" : "sprintf 144\\, %ld\\, %ld"
}

```

```

,
{
}

```

```

x" :
    "comment" : "",
    "id" : "obj-61",
    "maxclass" : "inlet",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
},
x" :
    "comment" : "",
    "id" : "obj-62",
    "maxclass" : "outlet",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
],
tchline" :
{
    "destination" : [ "obj-16", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "lines" : [
{
    "pa

```

```

    "source" : [ "obj-109", 0 ]
    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-35", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-109", 0 ]
    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-62", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-16", 0 ]
    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-21", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 1 ]
    }
  }
  ,
  {

```

```

"pa
tchline" :
{
  "destination" : [ "obj-34", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-18", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-109", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-20", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-16", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-20", 1 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-74", 0 ],

```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,
        "hidden" : 0,

```

```

    "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
    "source" : [ "obj-27", 1 ]
    }
  }
,
  "pchline" :
  {
    "destination" : [ "obj-26", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
    "source" : [ "obj-27", 0 ]
    }
  }
,
  "pchline" :
  {
    "destination" : [ "obj-29", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-28", 0 ]
    }
  }
,
  "pchline" :
  {
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
  }
}
```

```

    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-16", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-47", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-37", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-32", 0 ]
  }
}
,
{
  "pa
```

```
tchline" :
{
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-34", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-28", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-35", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-37", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-32", 0 ],
```

```

    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-41", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-18", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-61", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-27", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-74", 0 ]
    }
    }
```

```

    }
}

]
,
[ 435.0, 288.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

,

{
    {
        "box" :
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-73",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patcher" :
                {
                    "fileversion" : 1,
                    "appversion" :
                        {
                            "major" :
                                6,
                            "minor" :
                                1,

```

```

: 8,
ure" : "x86"
,
94.0, 952.0, 760.0 ],
ion" : 0,
" : 12.0,
" : 0,
e" : "Arial",
[ 15.0, 15.0 ],
" : 0,
: 2,
1,
" : 200,
1,
1,
0.0,

x" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-109",
    "maxclass" : "newobj",

"revision"
"architect
}
"rect" : [ 54.0,
"bglocked" : 0,
"openinpresentat
"default_fontsize
"default_fontface
"default_fontnam
"gridonopen" : 0,
"gridsize" :
"gridsnaponopen
"statusbarvisible"
"toolbarvisible" :
"boxanimatetime
"imprint" : 0,
"enablehscroll" :
"enablevscroll" :
"devicewidth" :
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{
    "bo
{

```

```
"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : [ "int" ],

"patcher" :
{
    "fileversion" : 1,
    "appversion" :
        {
            "major" : 6,
            "minor" : 1,
            "revision" : 8,
            "architecture" : "x86"
        }
},

"rect" : [ 0.0, 0.0, 640.0, 480.0 ],

"bglocked" : 0,

"openinpresentation" : 0,

"default_fontsize" : 12.0,

"default_fontface" : 0,

"default_fontname" : "Arial",

"gridonopen" : 0,

"gridsize" : [ 15.0, 15.0 ],

"gridsnaponopen" : 0,

"statusbarvisible" : 2,

"toolbarvisible" : 1,

"boxanimatetime" : 200,
```

```

    "imprint" : 0,
    "enablehscroll" : 1,
    "enablevscroll" : 1,
    "devicewidth" : 0.0,
    "description" : "",
    "digest" : "",
    "tags" : "",
    "boxes" : [
      {
        "box" :
          {
            "id" : "obj-106",
            "maxclass" : "button",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "bang" ],
            "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
          }
      }
    ],
    {
      "box" :
        {
          "fontname" : "Arial",
          "fontsize" : 12.0,
          "id" : "obj-100",
          "maxclass" : "number",

```

```

        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-97",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-95",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
        "text" : "random"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-92",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
    }

},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-90",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],  
        "text" : "+"  
    }  
}
```

,

```
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-89",  
            "maxclass" : "newobj",  
            "numinlets" : 1,  
            "numoutlets" : 2,  
            "outlettype" : [ "int", "bang" ],  
            "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],  
            "text" : "t i b"  
        }  
}
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-88",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
                "text" : "+ 1"
            }
    }
    },
    {
        "box" :
            {
                "id" : "obj-87",
                "maxclass" : "toggle",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "parameter_enable" : 0,

```

```

        "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-83",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 2,
            "outlettype" : [ "", "" ],
            "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
            "text" : "gate 2 1"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-82",
            "maxclass" : "newobj",
            "numinlets" : 2,

```

```
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
        "text" : "-"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-80",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
            "text" : "decide"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
```

```

        "id" : "obj-79",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
        "text" : "scale 50 127 1 12"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-78",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
            "text" : "t 0"
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-76",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
            "text" : "split 0 49"
        }

    }

    ,

    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-12",
                "maxclass" : "newobj",
                "numinlets" : 0,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
                "text" : "r pitch"
            }
    }

```

```
    },
    {
      "box" :
      {
        "comment" : "",
        "id" : "obj-107",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
      }
    }
  ],
  {
    "box" :
    {
      "comment" : "",
      "id" : "obj-108",
      "maxclass" : "outlet",
      "numinlets" : 1,
      "numoutlets" : 0,
      "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
    }
  }
],
```

```
"lines" : [
    {
        "patchline" :
            {
                "destination" : [ "obj-97", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-100", 0 ]
            }
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-106", 0 ]
            }
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-107", 0 ]
            }
    }
]
```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-76", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-12", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-78", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-76", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-79", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-76", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-78", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-79", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-87", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-80", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-82", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 1 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :
      {
        "destination" : [ "obj-90", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-83", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-88", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-87", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-83", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-88", 0 ]
      }
    }
  ]
}
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-80", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-89", 1 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-82", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 0 ]
      }
  }
],
{
  "patchline" :
```

```
    {
      "destination" : [ "obj-82", 1 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-89", 0 ]
    }
  }
],
{
  "patchline" :
```

```
    {
      "destination" : [ "obj-90", 1 ],
      "disabled" : 0,
      "hidden" : 0,

```

```
        "source" : [ "obj-89", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-92", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-90", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-108", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-92", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-89", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-95", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 0 ]
            }
    }

    ]
},
,
```

```

"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p pitch drunk"
    }
    }
,
    {
        "bo
    }
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-74",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],

```

```
"patcher" :  
    {  
        "fileversion" : 1,  
        "appversion" :  
            {  
                "major" : 6,  
                "minor" : 1,  
                "revision" : 8,  
                "architecture" : "x86"  
            }  
    },  
  
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],  
  
    "bglocked" : 0,  
  
    "openinpresentation" : 0,  
  
    "default_fontsize" : 12.0,  
  
    "default_fontface" : 0,  
  
    "default_fontname" : "Arial",  
  
    "gridonopen" : 0,  
  
    "gridsize" : [ 15.0, 15.0 ],  
  
    "gridsnaponopen" : 0,  
  
    "statusbarvisible" : 2,  
  
    "toolbarvisible" : 1,  
  
    "boxanimatetime" : 200,  
  
    "imprint" : 0,  
  
    "enablehscroll" : 1,  
  
    "enablevscroll" : 1,
```

```

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "fontname" : "Arial",

                "fontsize" : 12.0,

                "id" : "obj-71",

                "maxclass" : "newobj",

                "numinlets" : 2,

                "numoutlets" : 1,

                "outlettype" : [ "float" ],

                "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],

                "text" : "+ 1."

            }

        }

    ,

    {

        "box" :

            {

                "fontname" : "Arial",

                "fontsize" : 12.0,

                "id" : "obj-60",

                "maxclass" : "flonum",

```

```

        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-63",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-64",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-65",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
        "text" : "*" 1000."
    }

},
{

```

```

"box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-66",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
        "text" : "print"
    }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
        }
}

```

```

    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-68",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "bang", "int" ],
                "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
                "text" : "t b i"
            }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-69",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],

```

```

        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-58",
                "maxclass" : "newobj",
                "numinlets" : 6,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
                "text" : "scale 0. 49. 0.5 1."
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-56",
                "maxclass" : "newobj",

```

```

        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
        "text" : "split 71 127"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-55",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-48",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
    }

}

,

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-43",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }

}

,

{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-42",  
        "maxclass" : "number",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-36",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "float" ],  
        "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],  
        "text" : "* 1000."
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-31",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
                "text" : "print"
            }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-30",
                "maxclass" : "flonum",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "float", "bang" ],

```

```
        "parameter_enable" : 0,
        "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-24",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "bang", "int" ],
                "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
                "text" : "t b i"
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-23",
                "maxclass" : "newobj",
```

```

        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-22",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
            "text" : "t 1"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-19",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
        "text" : "* 0."
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-17",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
        "text" : "scale 71. 127. 0. 0.5"
    }

},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-14",  
        "maxclass" : "newobj",  
        "numinlets" : 3,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "int" ],  
        "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],  
        "text" : "split 50 70"  
    }  
}
```

,

```
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-11",  
            "maxclass" : "newobj",  
            "numinlets" : 0,  
            "numoutlets" : 1,  
            "outlettype" : [ "" ],  
            "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],  
            "text" : "r duration"  
        }  
}
```

```

    }

    },
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-72",
                "maxclass" : "inlet",
                "numinlets" : 0,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
            }
    }

    },
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-73",
                "maxclass" : "outlet",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
            }
    }
}

```

],

"lines" : [

{

"patchline" :

{

"destination" : ["obj-14", 0],

"disabled" : 0,

"hidden" : 0,

"source" : ["obj-11", 0]

}

}

,

{

"patchline" :

{

"destination" : ["obj-22", 0],

"disabled" : 0,

"hidden" : 0,

"source" : ["obj-14", 0]

}

}

,

{

"patchline" :

{

"destination" : ["obj-56", 0],

"disabled" : 0,

"hidden" : 0,

```
        "source" : [ "obj-14", 1 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-36", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-17", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-55", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-19", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-19", 1 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-22", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-30", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-23", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 1 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-23", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-24", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-43", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-30", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-31", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-36", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-42", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-36", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-24", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-42", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-71", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-43", 0 ]  
        }  
}
```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-48", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-73", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-55", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-17", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-56", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-58", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-56", 1 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-65", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-58", 0 ]
        }
},
{
    "patchline" :
        {
```

```
        "destination" : [ "obj-19", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-60", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-60", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-63", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-68", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-64", 0 ]
            }
    }

```

```
    ,
    {

```

```
    "patchline" :  
        {  
            "destination" : [ "obj-64", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-65", 0 ]  
        }  
    },  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-66", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-65", 0 ]  
            }  
        },  
        {  
            "patchline" :  
                {  
                    "destination" : [ "obj-63", 0 ],  
                    "disabled" : 0,  
                    "hidden" : 0,  
                    "source" : [ "obj-67", 0 ]  
                }  
        }
```

```
    }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-69", 1 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-68", 1 ]  
            }  
    }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-69", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-68", 0 ]  
            }  
    }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-67", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,
```

```
        "source" : [ "obj-69", 0 ]
    }

    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-48", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-71", 0 ]
            }
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-72", 0 ]
            }
    }
]
}
,
"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
"saved_object_attributes" :
```

```

        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "globalpatchername" : "",
            "tags" : ""
        }
    ,
    "text" : "p duration_drunk"
    }

    }
    {
        "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
    }

```

```
,
x" :
    "id" : "obj-47",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
}
```

```
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-41",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
    "text" : "r play_time"
}
```

```
,
x" :
    "id" : "obj-37",
    "maxclass" : "button",
```

```

    "numinlets" : 1,

    "numoutlets" : 1,

    "outlettype" : [ "bang" ],

    "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
  }
  {
    "bo
    {
x" :

    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-34",

    "maxclass" : "message",

    "numinlets" : 2,

    "numoutlets" : 1,

    "outlettype" : [ "" ],

    "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],

    "text" : "set $1"
    }
  }
  {
    "bo
    {
x" :

    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-32",

    "maxclass" : "newobj",

    "numinlets" : 1,

    "numoutlets" : 1,

```

```

        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
        "text" : "match"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-21",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
        "text" : "zl reg"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-20",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 3,
        "outlettype" : [ "int", "int", "int" ],

```

```

    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-18",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-35",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],

```

```

    "text" : "$1 0"
    }
  }
  ,
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-29",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int", "int" ],
    "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
    "text" : "unpack 0 0"
  }
  ,
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-28",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
  }

```

```

    }
  }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-27",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "bang", "int" ],
      "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
      "text" : "t b i"
    }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-26",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
      "text" : "delay"
    }

```

```
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-16",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
    "text" : "sprintf 144\\, %ld\\, %ld"
}
```

```
,
x" :
    "comment" : "",
    "id" : "obj-61",
    "maxclass" : "inlet",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
}
```

```
,
x" :
    "comment" : "",
```

```

        "id" : "obj-62",

        "maxclass" : "outlet",

        "numinlets" : 1,

        "numoutlets" : 0,

        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }

}

],

    "lines" : [
    {
        "pa

tchline" :
    {
        "destination" : [ "obj-16", 0 ],

        "disabled" : 0,

        "hidden" : 0,

        "source" : [ "obj-109", 0 ]
    }

}

,

    "pa

tchline" :
    {
        "destination" : [ "obj-35", 0 ],

        "disabled" : 0,

        "hidden" : 0,

        "source" : [ "obj-109", 0 ]
    }

}

,

    "pa

tchline" :
    {

```

```

    "destination" : [ "obj-62", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-16", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-21", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 1 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-34", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-109", 0 ],
    "disabled" : 0,
    "hidden" : 0,
```

```

        "source" : [ "obj-20", 0 ]
    }
}
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 1 ]
    }
}
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
}
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
}
}

```

```

,
{
    "path": "pa
tchline" :
{
    "destination" : [ "obj-28", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-26", 0 ]
}
}
,
{
    "path": "pa
tchline" :
{
    "destination" : [ "obj-26", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
    "source" : [ "obj-27", 1 ]
}
}
,
{
    "path": "pa
tchline" :
{
    "destination" : [ "obj-26", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
    "source" : [ "obj-27", 0 ]
}
}
,
{

```

tchline" :	"pa
{	
"destination" : ["obj-29", 0],	
"disabled" : 0,	
"hidden" : 0,	
"source" : ["obj-28", 0]	
	}
	}
,	{
tchline" :	"pa
{	
"destination" : ["obj-16", 1],	
"disabled" : 0,	
"hidden" : 0,	
"source" : ["obj-29", 1]	
	}
	}
,	{
tchline" :	"pa
{	
"destination" : ["obj-16", 0],	
"disabled" : 0,	
"hidden" : 0,	
"source" : ["obj-29", 0]	
	}
	}
,	{
tchline" :	"pa
{	
"destination" : ["obj-47", 0],	

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-37", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-32", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 1 ],
        "disabled" : 0,
        "hidden" : 0,

```

```
        "source" : [ "obj-35", 0 ]
    }
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-37", 0 ]
    }
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-41", 0 ]
    }
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
    },
    {
    }
```

```

"pa
tchline" :
{
    "destination" : [ "obj-18", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-61", 0 ]
}
}
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-27", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-74", 0 ]
}
}
]
}
,
[ 420.0, 273.0, 43.0, 20.0 ],
"s" :
" : 0,
e" : "Arial",
" : 12.0,
"Arial",
me" : "",
"patching_rect" :
"saved_object_attribute
{
    "default_fontface
    "default_fontnam
    "default_fontsize
    "description" : "",
    "digest" : "",
    "fontface" : 0,
    "fontname" :
    "fontsize" : 12.0,
    "globalpatcherna

```

```

        "tags" : ""
    }
    ,
    "text" : "p play"
}
}
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-74",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
            {
                "major" :
                "minor" :
                "revision"
                "architect
            }
            "rect" : [ 54.0,
            "bglocked" : 0,
            "openinpresentat
            "default_fontsize
            "default_fontface
            "default_fontnam
            "gridonopen" : 0,
            "gridsize" :
            "gridsnaponopen
            "statusbarvisible"
        }
    }
    ,
    94.0, 952.0, 760.0 ],
    "ion" : 0,
    " : 12.0,
    " : 0,
    "e" : "Arial",
    [ 15.0, 15.0 ],
    " : 0,
    : 2,

```

1,
" : 200,

1,
1,
0.0,

x" :

"fontname" : "Arial",
"fontsize" : 12.0,
"id" : "obj-109",
"maxclass" : "newobj",
"numinlets" : 1,
"numoutlets" : 1,
"outlettype" : ["int"],
"patcher" :
 {
 "fileversion" : 1,
 "appversion" :
 {
 "major" : 6,
 "minor" : 1,
 "revision" : 8,
 "architecture" : "x86"
 }
 }

"toolbarvisible" :
"boxanimatetime
"imprint" : 0,
"enablehscroll" :
"enablevscroll" :
"devicewidth" :
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{
 "bo
{

,

```
"rect" : [ 0.0, 0.0, 640.0, 480.0 ],
"bglocked" : 0,
"openinpresentation" : 0,
"default_fontsize" : 12.0,
"default_fontface" : 0,
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
        {
            "id" : "obj-106",
            "maxclass" : "button",
```

```

        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-100",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
        }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-97",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-95",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
            "text" : "random"
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-92",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
        }

    }

    ,

    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-90",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
                "text" : "+"
            }
    }

```

```

    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-89",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
                "text" : "t i b"
            }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-88",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],

```

```
        "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
        "text" : "+ 1"
    }

    ,
    {
        "box" :
            {
                "id" : "obj-87",
                "maxclass" : "toggle",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
            }
    }

    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-83",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 2,
```

```

        "outlettype" : [ "", "" ],
        "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
        "text" : "gate 2 1"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-82",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
            "text" : "-"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-80",

```

```

        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
        "text" : "decide"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-79",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
            "text" : "scale 50 127 1 12"
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-78",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
        "text" : "t 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-76",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
            "text" : "split 0 49"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-12",

"maxclass" : "newobj",

"numinlets" : 0,

"numoutlets" : 1,

"outlettype" : [""],

"patching_rect" : [103.0, 100.0, 43.0, 20.0],

"text" : "r pitch"

}

}

,

{

"box" :

{

"comment" : "",

"id" : "obj-107",

"maxclass" : "inlet",

"numinlets" : 0,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [107.0, 40.0, 25.0, 25.0]

}

```
    },
    {
      "box" :
      {
        "comment" : "",
        "id" : "obj-108",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
      }
    }
  ],
  "lines" : [
    {
      "patchline" :
      {
        "destination" : [ "obj-97", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-100", 0 ]
      }
    }
  ],
  {
    "patchline" :
    {
```

```
        "destination" : [ "obj-100", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-106", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-107", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-76", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-12", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
            "destination" : [ "obj-78", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-76", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-79", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-76", 1 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-90", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-78", 0 ]  
          }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-100", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-79", 0 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-87", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-80", 0 ]
      }
  }
],
{
  "patchline" :
    {
      "destination" : [ "obj-92", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```
        "source" : [ "obj-82", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-88", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-87", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-88", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-80", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 1 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-82", 1 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-89", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-90", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-92", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-90", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-108", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-92", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-89", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-95", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-95", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-97", 1 ]  
        }  
}
```

```
        }

    }

    ,

    {

        "patchline" :

            {

                "destination" : [ "obj-95", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-97", 0 ]

            }

    }

]

}

,

"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],

"saved_object_attributes" :

    {

        "default_fontface" : 0,

        "default_fontname" : "Arial",

        "default_fontsize" : 12.0,

        "description" : "",

        "digest" : "",

        "fontface" : 0,

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "globalpatchername" : "",
```

```

        "tags" : ""
    }
,
    "text" : "p pitch drunk"
    }
    }
,
    {
        "bo
        {
x" :

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-74",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patcher" :
            {
                "fileversion" : 1,
                "appversion" :
                    {
                        "major" : 6,
                        "minor" : 1,
                        "revision" : 8,
                        "architecture" : "x86"
                    }
            }
,
        "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
        "bglocked" : 0,

```

```
"openinpresentation" : 0,

"default_fontsize" : 12.0,

"default_fontface" : 0,

"default_fontname" : "Arial",

"gridonopen" : 0,

"gridsize" : [ 15.0, 15.0 ],

"gridsnaponopen" : 0,

"statusbarvisible" : 2,

"toolbarvisible" : 1,

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "fontname" : "Arial",

                "fontsize" : 12.0,

                "id" : "obj-71",

                "maxclass" : "newobj",

                "numinlets" : 2,
```

```
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
        "text" : "+ 1."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-60",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
```

```

        "id" : "obj-63",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
        "text" : "/" 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-64",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
        }

},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-65",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-66",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
                "text" : "print"
            }
    }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-67",

"maxclass" : "flonum",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["float", "bang"],

"parameter_enable" : 0,

"patching_rect" : [380.0, 373.0, 50.0, 20.0]

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-68",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["bang", "int"],

"patching_rect" : [419.0, 316.0, 32.5, 20.0],

```

        "text" : "t b i"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-69",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
        "text" : "random 0"
    }
},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-58",
        "maxclass" : "newobj",
        "numinlets" : 6,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
        "text" : "scale 0. 49. 0.5 1."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-56",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
            "text" : "split 71 127"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-55",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-48",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
        }

},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-43",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-42",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-36",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
        "text" : "* 1000."
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-31",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
```

```
        "text" : "print"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
            "numinlets" : 1,
```

```

        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-23",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-22",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
        "text" : "t 1"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-19",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
            "text" : "* 0."
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-17",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
            "text" : "scale 71. 127. 0. 0.5"
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-14",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,
                "outlettype" : [ "int", "int" ],
                "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
                "text" : "split 50 70"
            }
    }

```



```

    }

    },
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-73",
                "maxclass" : "outlet",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
            }
    }
],
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-11", 0 ]
                }
        }
    ],
    {
        "patchline" :

```

```

{
  "destination" : [ "obj-22", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-14", 0 ]
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-56", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-14", 1 ]
  }
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-36", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-17", 0 ]
  }
}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-55", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-19", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-19", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-22", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-30", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-23", 0 ]  
        }  
}
```

```
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 1 ]
            }
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 0 ]
            }
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-43", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-30", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-31", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-36", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-42", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-36", 0 ]
        }
},
{
    "patchline" :
        {
```

```
        "destination" : [ "obj-24", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-42", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-71", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-43", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-48", 0 ]
            }
    }

```

```
    ,
    {

```

```
    "patchline" :  
        {  
            "destination" : [ "obj-73", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-55", 0 ]  
        }  
    },  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-17", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-56", 0 ]  
            }  
        },  
        {  
            "patchline" :  
                {  
                    "destination" : [ "obj-58", 0 ],  
                    "disabled" : 0,  
                    "hidden" : 0,  
                    "source" : [ "obj-56", 1 ]  
                }  
            }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-65", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-58", 0 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-19", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-60", 0 ]
      }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-60", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-60", 0 ]
    }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-60", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-60", 0 ]
    }
  }
],
{
  "patchline" :
```

```
        "source" : [ "obj-63", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-68", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-64", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-64", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-65", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-66", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-65", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-63", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-67", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 1 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-69", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-68", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-67", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-69", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-48", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-71", 0 ]
      }
  }

```

```

}

```

```
,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-72", 0 ]
            }
    }
]
```

```

}
,
"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
```

```

    "text" : "p duration_drunk"
    }
  }
  ,
  {
    "bo
x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-52",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 0,
      "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
      "text" : "s next_note"
    }
  }
  ,
  {
    "bo
x" :
    {
      "id" : "obj-47",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
  }
  ,
  {
    "bo
x" :
    {
      "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-41",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
    "text" : "r play_time"
    }
},
{
    "bo
    {
        "id" : "obj-37",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-34",
        "maxclass" : "message",
        "numinlets" : 2,

```

```

    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
    "text" : "set $1"
    }
  }
,
  {
    "bo
    {
      x" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-32",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
        "text" : "match"
        }
      }
,
  {
    "bo
    {
      x" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-21",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,

```

```

        "outlettype" : [ "", "" ],
        "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
        "text" : "zl reg"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-20",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 3,
        "outlettype" : [ "int", "int", "int" ],
        "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
        "text" : "unpack 0 0 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-18",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],

```

```

    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
  }
},
{
  "bo
  {
    x" :
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-35",
      "maxclass" : "message",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
      "text" : "$1 0"
    }
  },
  {
    "bo
    {
      x" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-29",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],

```

```

    "text" : "unpack 0 0"
    }
  }
  ,
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-28",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
  }
  }
  ,
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-27",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
  }
  }

```

```

    }
  }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-26",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
      "text" : "delay"
    }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-16",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
      "text" : "sprintf 144\\, %ld\\, %ld"
    }

```

```

    },
    "x" :
    {
        "comment" : "",
        "id" : "obj-61",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
},
    "x" :
    {
        "comment" : "",
        "id" : "obj-62",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
],
    "lines" : [
        {
            "patchline" :
            {
                "destination" : [ "obj-16", 0 ],
                "disabled" : 0,
            }
        }
    ]
}

```

```
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-35", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-62", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-16", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 1 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-34", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 0 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-109", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 0 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 1 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {
```

```

        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,

```

```

    "hidden" : 0,
    "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
    "source" : [ "obj-27", 1 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
        "source" : [ "obj-27", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-29", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-28", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
```

```

        "source" : [ "obj-29", 1 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-47", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-37", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-32", 0 ]
    }
}
}

```

```
, {
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-35", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-37", 0 ]
    }
},
{
    "pa
tchline" :
    {
```

```

    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-41", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-52", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-47", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-18", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-61", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-27", 0 ],
    "disabled" : 0,
    "hidden" : 0,
```

```

        "source" : [ "obj-74", 0 ]
    }
}

]
,
[ 384.0, 288.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

,

{
    "box" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-75",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patcher" :
            {
                "fileversion" : 1,
                "appversion" :
                    {
                        "major" :

```

```

1,
: 8,
ure" : "x86"
,
94.0, 952.0, 760.0 ],
ion" : 0,
" : 12.0,
" : 0,
e" : "Arial",
[ 15.0, 15.0 ],
" : 0,
: 2,
1,
" : 200,
1,
1,
0.0,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-109",
    "minor" :
    "revision"
    "architect
}
"rect" : [ 54.0,
"bglocked" : 0,
"openinpresentat
"default_fontsize
"default_fontface
"default_fontnam
"gridonopen" : 0,
"gridsize" :
"gridsnaponopen
"statusbarvisible"
"toolbarvisible" :
"boxanimatetime
"imprint" : 0,
"enablehscroll" :
"enablevscroll" :
"devicewidth" :
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{
    "bo
{

```

```
"maxclass" : "newobj",
"numinlets" : 1,
"numoutlets" : 1,
"outlettype" : [ "int" ],
"patcher" :
{
    "fileversion" : 1,
    "appversion" :
    {
        "major" : 6,
        "minor" : 1,
        "revision" : 8,
        "architecture" : "x86"
    }
},
"rect" : [ 0.0, 0.0, 640.0, 480.0 ],
"bglocked" : 0,
"openinpresentation" : 0,
"default_fontsize" : 12.0,
"default_fontface" : 0,
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
```

```

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "id" : "obj-106",

                "maxclass" : "button",

                "numinlets" : 1,

                "numoutlets" : 1,

                "outlettype" : [ "bang" ],

                "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]

            }

    }

,

    {

        "box" :

            {

                "fontname" : "Arial",

                "fontsize" : 12.0,

                "id" : "obj-100",

```

```

        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-97",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-95",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
        "text" : "random"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-92",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-90",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [50.0, 384.0, 32.5, 20.0],

"text" : "+"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-89",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"patching_rect" : [164.0, 245.0, 32.5, 20.0],

```

        "text" : "t i b"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-88",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
        "text" : "+ 1"
    }

},

{
    "box" :
    {
        "id" : "obj-87",
        "maxclass" : "toggle",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],

```

```

        "parameter_enable" : 0,
        "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-83",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 2,
                "outlettype" : [ "", "" ],
                "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
                "text" : "gate 2 1"
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-82",
                "maxclass" : "newobj",

```

```

        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
        "text" : "-"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-80",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
            "text" : "decide"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-79",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
        "text" : "scale 50 127 1 12"
    }

}

,

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-78",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
            "text" : "t 0"
        }

}

,

{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-76",  
        "maxclass" : "newobj",  
        "numinlets" : 3,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "int" ],  
        "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],  
        "text" : "split 0 49"  
    }  
}
```

,

```
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-12",  
            "maxclass" : "newobj",  
            "numinlets" : 0,  
            "numoutlets" : 1,  
            "outlettype" : [ "" ],  
            "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],  
            "text" : "r pitch"  
        }  
}
```

```
    }

    ,
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-107",
                "maxclass" : "inlet",
                "numinlets" : 0,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
            }
    }

    ,
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-108",
                "maxclass" : "outlet",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
            }
    }
}
```

],

"lines" : [

{

"patchline" :

{

"destination" : ["obj-97", 0],

"disabled" : 0,

"hidden" : 0,

"source" : ["obj-100", 0]

}

}

,

{

"patchline" :

{

"destination" : ["obj-100", 0],

"disabled" : 0,

"hidden" : 0,

"source" : ["obj-106", 0]

}

}

,

{

"patchline" :

{

"destination" : ["obj-83", 1],

"disabled" : 0,

"hidden" : 0,

```
        "source" : [ "obj-107", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-76", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-12", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-78", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-76", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-79", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-76", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-78", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-79", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-87", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-80", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-92", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-82", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-82", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-83", 1 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-90", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-83", 0 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-88", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-87", 0 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-83", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-88", 0 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-80", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-89", 1 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-82", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-89", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-90", 1 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-89", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-90", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-108", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-92", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-89", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-95", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-95", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-97", 1 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-95", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-97", 0 ]
        }
}
]
```

```

    }
    ,
    "patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "globalpatchername" : "",
            "tags" : ""
        }
    ,
    "text" : "p pitch drunk"
    }
}
,
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-74",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,

```

```
"outlettype" : [ "int" ],
"patcher" :
{
    "fileversion" : 1,
    "appversion" :
    {
        "major" : 6,
        "minor" : 1,
        "revision" : 8,
        "architecture" : "x86"
    }
},

"rect" : [ 0.0, 0.0, 640.0, 480.0 ],
"bglocked" : 0,
"openinpresentation" : 0,
"default_fontsize" : 12.0,
"default_fontface" : 0,
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
```

```

"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-71",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
                "text" : "+ 1."
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-60",

```

```
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-63",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }
},
{
    "box" :
        {
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-64",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-65",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-66",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 0,

"patching_rect" : [468.5, 268.0, 34.0, 20.0],

"text" : "print"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-67",

"maxclass" : "flonum",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["float", "bang"],

"parameter_enable" : 0,

"patching_rect" : [380.0, 373.0, 50.0, 20.0]

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-68",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "bang", "int" ],
                "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
                "text" : "t b i"
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-69",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "int" ],
        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-58",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
            "text" : "scale 0. 49. 0.5 1."
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-56",

```

```

        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
        "text" : "split 71 127"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-55",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {

```

```
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-48",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-43",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }
}
```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-42",

"maxclass" : "number",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"parameter_enable" : 0,

"patching_rect" : [272.0, 282.0, 50.0, 20.0]

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-36",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["float"],

"patching_rect" : [234.0, 250.0, 49.0, 20.0],

```

        "text" : "* 1000."
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-31",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
        "text" : "print"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-30",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,

```

```

        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-23",

```

```

        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-22",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
            "text" : "t 1"
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-19",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
        "text" : "* 0."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-17",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
            "text" : "scale 71. 127. 0. 0.5"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-14",

"maxclass" : "newobj",

"numinlets" : 3,

"numoutlets" : 2,

"outlettype" : ["int", "int"],

"patching_rect" : [201.0, 147.0, 65.0, 20.0],

"text" : "split 50 70"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-11",

"maxclass" : "newobj",

"numinlets" : 0,

"numoutlets" : 1,

"outlettype" : [""],

"patching_rect" : [201.0, 100.0, 61.0, 20.0],

```

        "text" : "r duration"
    }

},

{
    "box" :
    {
        "comment" : "",
        "id" : "obj-72",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
    }

},

{
    "box" :
    {
        "comment" : "",
        "id" : "obj-73",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
    }
}

```

```
    }
],
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-11", 0 ]
                }
        }
    ,
        {
            "patchline" :
                {
                    "destination" : [ "obj-22", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-14", 0 ]
                }
        }
    ,
        {
            "patchline" :
                {
                    "destination" : [ "obj-56", 0 ],
                    "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-14", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-36", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-17", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-55", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-19", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-19", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-22", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-30", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-23", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 1 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :
      {
        "destination" : [ "obj-23", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-24", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-43", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-30", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-31", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-36", 0 ]
      }
    }
  ]
}
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-42", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-36", 0 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-24", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-42", 0 ]
      }
  }
},
{
  "patchline" :
    {
      "destination" : [ "obj-71", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```
        "source" : [ "obj-43", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-48", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-73", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-55", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-17", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-56", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-58", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-56", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-65", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-58", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-19", 1 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-60", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-60", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-63", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-68", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-64", 0 ]
      }
  }

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-64", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-65", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-66", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-65", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-63", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-67", 0 ]  
        }  
}
```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 1 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-67", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-69", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-48", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-71", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-72", 0 ]
            }
    }
]

    }

    ,
    "patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
```

```

"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p duration_drunk"
    }
,
    {
        "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"

```

```

    }
  }
  ,
  "x" :
    {
      "id" : "obj-47",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-41",
      "maxclass" : "newobj",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
      "text" : "r play_time"
    }
  ,
  "x" :
    {
      "id" : "obj-37",

```

```

    "maxclass" : "button",

    "numinlets" : 1,

    "numoutlets" : 1,

    "outlettype" : [ "bang" ],

    "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",

      "fontsize" : 12.0,

      "id" : "obj-34",

      "maxclass" : "message",

      "numinlets" : 2,

      "numoutlets" : 1,

      "outlettype" : [ "" ],

      "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],

      "text" : "set $1"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",

      "fontsize" : 12.0,

      "id" : "obj-32",

      "maxclass" : "newobj",

      "numinlets" : 1,

```

```

    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
    "text" : "match"
    }
  }
  {
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
    "text" : "zl reg"
    }
  }
  {
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-20",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,

```

```

        "outlettype" : [ "int", "int", "int" ],
        "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
        "text" : "unpack 0 0 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-18",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
        "text" : "zl slice 1"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-35",
        "maxclass" : "message",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],

```

```

    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
    "text" : "$1 0"
  }
},
{
  "bo
  {
    x" :
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-29",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "int", "int" ],
      "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
      "text" : "unpack 0 0"
    }
  }
},
{
  "bo
  {
    x" :
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-28",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],

```

```

    "text" : "zl reg"
    }
  }
  ,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-27",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "bang", "int" ],
      "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
      "text" : "t b i"
    }
  }
  ,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-26",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
      "text" : "delay"
    }
  }

```

```

    }
  }
  ,
  "x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-16",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
      "text" : "sprintf 144\\, %ld\\, %ld"
    }
  ,
  "x" :
    {
      "comment" : "",
      "id" : "obj-61",
      "maxclass" : "inlet",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
  ,
  "x" :
    {
      "bo
    }
  }
  ,
  "x" :
    {
      "bo
    }
  }

```

```

        "comment" : "",
        "id" : "obj-62",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
}
],
    "lines" : [
        {
            "pa
tchline" :
        {
            "destination" : [ "obj-16", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-109", 0 ]
        }
    },
    {
        "pa
tchline" :
        {
            "destination" : [ "obj-35", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-109", 0 ]
        }
    },
    {
        "pa
tchline" :

```

```

{
  "destination" : [ "obj-62", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-16", 0 ]
}
},
{
  "pchline" :
  {
    "destination" : [ "obj-21", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 1 ]
  }
},
{
  "pchline" :
  {
    "destination" : [ "obj-34", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 0 ]
  }
},
{
  "pchline" :
  {
    "destination" : [ "obj-109", 0 ],
    "disabled" : 0,

```

```

    "hidden" : 0,
    "source" : [ "obj-20", 0 ]
    },
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 1 ]
    }
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
    }
```

```

    },
    "tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
},
    "tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
        "source" : [ "obj-27", 1 ]
    }
},
    "tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
        "source" : [ "obj-27", 0 ]
    }
}

```

```

,
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-29", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-28", 0 ]
    }
}

```

```

,
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
}

```

```

,
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 0 ]
    }
}

```

```

,
    }
    {
        "pa
tchline" :
    {

```

```
"destination" : [ "obj-47", 0 ],
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-29", 1 ]
    }
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-37", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-32", 0 ]
    }
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-28", 1 ],
        "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-35", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-37", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-41", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
}
```

```

    },
    "tchline" :
    {
        "destination" : [ "obj-18", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-61", 0 ]
    }
},
{
    "tchline" :
    {
        "destination" : [ "obj-27", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-74", 0 ]
    }
}
]
},
[ 369.0, 273.0, 43.0, 20.0 ],
"s" :
": 0,
e" : "Arial",
": 12.0,

"Arial",
    "patching_rect" :
    "saved_object_attribute"
    {
        "default_fontface"
        "default_fontnam"
        "default_fontsize"
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" :
        "fontsize" : 12.0,

```

```

    "globalpatchername" : "",
    "tags" : ""
  },
  "text" : "p play"
},
{
  "box" :
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-76",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patcher" :
    {
      "fileversion" : 1,
      "appversion" :
      {
        "major" :
        6,
        "minor" :
        1,
        "revision" :
        8,
        "architecture" : "x86"
      }
    },
    "rect" : [ 54.0,
    94.0, 952.0, 760.0 ],
    "bglocked" : 0,
    "openinpresentat
ion" : 0,
    "default_fontsize
" : 12.0,
    "default_fontface
" : 0,
    "default_fontnam
e" : "Arial",
    "gridonopen" : 0,
    "gridsize" :
    [ 15.0, 15.0 ],
    "gridsnaponopen
" : 0,

```

```

: 2,
1,
" : 200,

1,
1,
0.0,

x" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-109",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],
    "patcher" :
        {
            "fileversion" : 1,
            "appversion" :

                {
                    "major" : 6,
                    "minor" : 1,
                    "revision" : 8,
                    "architecture" : "x86"

"statusbarvisible"
"toolbarvisible" :
"boxanimatetime
"imprint" : 0,
"enablehscroll" :
"enablevscroll" :
"devicewidth" :
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{
    "bo
{

```

}

,

"rect" : [0.0, 0.0, 640.0, 480.0],

"bglocked" : 0,

"openinpresentation" : 0,

"default_fontsize" : 12.0,

"default_fontface" : 0,

"default_fontname" : "Arial",

"gridonopen" : 0,

"gridsize" : [15.0, 15.0],

"gridsnaponopen" : 0,

"statusbarvisible" : 2,

"toolbarvisible" : 1,

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

{

"box" :

{

"id" : "obj-106",

```

        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-100",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
        }

},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-97",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

}

,

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-95",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
            "text" : "random"
        }

}

,

{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-92",  
        "maxclass" : "number",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-90",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],  
        "text" : "+"
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-89",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
                "text" : "t i b"
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-88",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,

```

```
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
        "text" : "+ 1"
    }

},

{
    "box" :
        {
            "id" : "obj-87",
            "maxclass" : "toggle",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-83",
            "maxclass" : "newobj",
            "numinlets" : 2,
```

```

        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
        "text" : "gate 2 1"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-82",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
            "text" : "-"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-80",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
        "text" : "decide"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-79",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
            "text" : "scale 50 127 1 12"
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-78",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
            "text" : "t 0"
        }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-76",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,
                "outlettype" : [ "int", "int" ],
                "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
                "text" : "split 0 49"
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-12",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
        "text" : "r pitch"
      }
    }
  },
  {
    "box" :
    {
      "comment" : "",
      "id" : "obj-107",
      "maxclass" : "inlet",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "int" ],
      "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
    }
  }
```

```

    }

    },
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-108",
                "maxclass" : "outlet",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
            }
    }
],
"lines" : [
    {
        "patchline" :
            {
                "destination" : [ "obj-97", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-100", 0 ]
            }
    }
],
    {
        "patchline" :

```

```
        {  
            "destination" : [ "obj-100", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-106", 0 ]  
        }  
    },  
    {
```

```
        "patchline" :  
            {  
                "destination" : [ "obj-83", 1 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-107", 0 ]  
            }  
    }  
    ,  
    {
```

```
        "patchline" :  
            {  
                "destination" : [ "obj-76", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-12", 0 ]  
            }  
    }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-78", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-76", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-79", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-76", 1 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-90", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-78", 0 ]  
        }  
}
```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-79", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-87", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-80", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-82", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-88", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-87", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-88", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-80", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 1 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
            "destination" : [ "obj-82", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-89", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-90", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-89", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-92", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-90", 0 ]  
          }  
    }
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-108", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-92", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-89", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-95", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-95", 1 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-97", 1 ]
    }

    }
,
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 0 ]
            }
    }
]
}
,
"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
```

```

        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p pitch drunk"
    }
    }
,
    {
        "bo
    {
x" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-74",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],
    "patcher" :
    {
        "fileversion" : 1,
        "appversion" :
        {
            "major" : 6,
            "minor" : 1,
            "revision" : 8,
            "architecture" : "x86"
        }
    }
,
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],

```

```
"bglocked" : 0,

"openinpresentation" : 0,

"default_fontsize" : 12.0,

"default_fontface" : 0,

"default_fontname" : "Arial",

"gridonopen" : 0,

"gridsize" : [ 15.0, 15.0 ],

"gridsnaponopen" : 0,

"statusbarvisible" : 2,

"toolbarvisible" : 1,

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "fontname" : "Arial",

                "fontsize" : 12.0,

                "id" : "obj-71",

                "maxclass" : "newobj",
```

```

        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
        "text" : "+ 1."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-60",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-63",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
        "text" : "/" 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-64",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
        }

},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-65",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "float" ],  
        "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],  
        "text" : "* 1000."  
    }  
}
```

```
,  
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-66",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 0,  
        "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],  
        "text" : "print"  
    }  
}
```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-67",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-68",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
```

```
        "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-69",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-58",
            "maxclass" : "newobj",
```

```

        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
        "text" : "scale 0. 49. 0.5 1."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-56",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
            "text" : "split 71 127"
        }

},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-55",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-48",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
        }

},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-43",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "float" ],  
        "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],  
        "text" : "/ 1000."  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-42",  
        "maxclass" : "number",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-36",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
                "text" : "* 1000."
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-31",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 0,

```

```
        "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
        "text" : "print"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
```

```

        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-23",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-22",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
        "text" : "t 1"
    }

}

,

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-19",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
            "text" : "* 0."
        }

}

,

{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-17",  
        "maxclass" : "newobj",  
        "numinlets" : 6,  
        "numoutlets" : 1,  
        "outlettype" : [ "" ],  
        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],  
        "text" : "scale 71. 127. 0. 0.5"  
    }  
}
```

```
,  
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-14",  
        "maxclass" : "newobj",  
        "numinlets" : 3,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "int" ],  
        "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],  
        "text" : "split 50 70"  
    }
```

```
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-11",
                "maxclass" : "newobj",
                "numinlets" : 0,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
                "text" : "r duration"
            }
    }
    },
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-72",
                "maxclass" : "inlet",
                "numinlets" : 0,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
```

```
        "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
    }

    },
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-73",
                "maxclass" : "outlet",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
            }
    }
],
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-11", 0 ]
                }
        }
    ],
    {
```

```
      "patchline" :  
          {  
            "destination" : [ "obj-22", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-14", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-56", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-14", 1 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-36", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-17", 0 ]  
          }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-55", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-19", 0 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-19", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-22", 0 ]
      }
  }
},
{
  "patchline" :
    {
      "destination" : [ "obj-30", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```
        "source" : [ "obj-23", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-43", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-30", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-31", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-36", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-42", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-36", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

{
  "destination" : [ "obj-24", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-42", 0 ]
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-71", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-43", 0 ]
  }
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-19", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-48", 0 ]
  }
}

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-73", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-55", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-17", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-56", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-58", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-56", 1 ]  
        }  
}
```

```
    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-65", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-58", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-19", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-60", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-60", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-63", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-68", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-64", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-64", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-66", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-65", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-63", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-67", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 1 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
            "destination" : [ "obj-69", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-68", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-67", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-69", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-48", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-71", 0 ]  
          }  
    }
```

```
    }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-19", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-72", 0 ]  
            }  
    }  
]
```

```
}  
,  
"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],  
"saved_object_attributes" :  
    {  
        "default_fontface" : 0,  
        "default_fontname" : "Arial",  
        "default_fontsize" : 12.0,  
        "description" : "",  
        "digest" : "",  
        "fontface" : 0,  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "globalpatchername" : "",  
        "tags" : ""
```

```

    }
,
    "text" : "p duration_drunk"
    }
}
,
{
    "bo
x" :
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
    }
}
,
{
    "bo
x" :
{
    "id" : "obj-47",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
}
,
{
    "bo
x" :

```

```

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-41",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
    "text" : "r play_time"
    }
},
{
    "bo
{
    "id" : "obj-37",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-34",
    "maxclass" : "message",

```

```

    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
    "text" : "set $1"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-32",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
    "text" : "match"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 2,

```

```

    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
    "text" : "zl reg"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-20",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 3,
      "outlettype" : [ "int", "int", "int" ],
      "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
      "text" : "unpack 0 0 0"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-18",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,

```

```

        "outlettype" : [ "", "" ],
        "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
        "text" : "zl slice 1"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-35",
        "maxclass" : "message",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
        "text" : "$1 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-29",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],

```

```

    "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
    "text" : "unpack 0 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-28",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-27",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],

```

```

    "text" : "t b i"
    }
  }
  ,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-26",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
      "text" : "delay"
    }
  }
  ,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-16",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
      "text" : "sprintf 144\\, %ld\\, %ld"
    }
  }

```

```

    }
  }
  ,
  x" :
    {
      "comment" : "",
      "id" : "obj-61",
      "maxclass" : "inlet",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
  ,
  x" :
    {
      "comment" : "",
      "id" : "obj-62",
      "maxclass" : "outlet",
      "numinlets" : 1,
      "numoutlets" : 0,
      "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
  ],
  "lines" : [
    {
      "pa
    }
  ],
  "tchline" :
  {
    "destination" : [ "obj-16", 0 ],
  }
}

```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-35", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-62", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-16", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 1 ]
```

```

    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-34", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-109", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 1 ]
  }
}
,
{
  "pa
```

```
tchline" :
{
    "destination" : [ "obj-74", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 2 ]
}
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-20", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-21", 0 ]
}
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-28", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-26", 0 ]
}
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-26", 1 ],
```

```

    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
    "source" : [ "obj-27", 1 ]
    }
  }
  ,
  "pa
tchline" :
  {
    "destination" : [ "obj-26", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
    "source" : [ "obj-27", 0 ]
    }
  }
  ,
  "pa
tchline" :
  {
    "destination" : [ "obj-29", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-28", 0 ]
    }
  }
  ,
  "pa
tchline" :
  {
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-47", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-37", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-32", 0 ]
    }
}
```

```

,
tchline" :
{
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-34", 0 ]
}

```

```

,
tchline" :
{
    "destination" : [ "obj-28", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-35", 0 ]
}

```

```

,
tchline" :
{
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-37", 0 ]
}

```

```

,
tchline" :

```

```
{
  "destination" : [ "obj-32", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-41", 0 ]
}
},
{
  "pa
tchline" :
  {
    "destination" : [ "obj-52", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-47", 0 ]
  }
},
{
  "pa
tchline" :
  {
    "destination" : [ "obj-18", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-61", 0 ]
  }
},
{
  "pa
tchline" :
  {
    "destination" : [ "obj-27", 0 ],
    "disabled" : 0,
```

```

        "hidden" : 0,
        "source" : [ "obj-74", 0 ]
    }
}

]
,
[ 328.0, 288.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

,

{
    {
        "box" :
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-77",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patcher" :
                {
                    "fileversion" : 1,
                    "appversion" :
                        {

```

6,	"major" :
1,	"minor" :
: 8,	"revision"
ure" : "x86"	"architect
,	}
94.0, 952.0, 760.0],	"rect" : [54.0,
ion" : 0,	"bglocked" : 0,
" : 12.0,	"openinpresentat
" : 0,	"default_fontsize
e" : "Arial",	"default_fontface
[15.0, 15.0],	"default_fontnam
" : 0,	"gridonopen" : 0,
: 2,	"gridsize" :
1,	"gridsnaponopen
" : 200,	"statusbarvisible"
1,	"toolbarvisible" :
1,	"boxanimatetime
0.0,	"imprint" : 0,
	"enablehscroll" :
	"enablevscroll" :
	"devicewidth" :
	"description" : "",
	"digest" : "",
	"tags" : "",
	"boxes" : [
	{
x" :	"bo
	{
"fontname" : "Arial",	
"fontsize" : 12.0,	

```
"id" : "obj-109",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : [ "int" ],

"patcher" :
    {
        "fileversion" : 1,
        "appversion" :
            {
                "major" : 6,
                "minor" : 1,
                "revision" : 8,
                "architecture" : "x86"
            }
    },

    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],

    "bglocked" : 0,

    "openinpresentation" : 0,

    "default_fontsize" : 12.0,

    "default_fontface" : 0,

    "default_fontname" : "Arial",

    "gridonopen" : 0,

    "gridsize" : [ 15.0, 15.0 ],

    "gridsnaponopen" : 0,

    "statusbarvisible" : 2,
```

```
"toolbarvisible" : 1,

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "id" : "obj-106",

                "maxclass" : "button",

                "numinlets" : 1,

                "numoutlets" : 1,

                "outlettype" : [ "bang" ],

                "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]

            }

    }

,

    {

        "box" :

            {

                "fontname" : "Arial",

                "fontsize" : 12.0,
```

```

        "id" : "obj-100",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-97",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{
    "box" :

```

```
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-95",  
            "maxclass" : "newobj",  
            "numinlets" : 2,  
            "numoutlets" : 1,  
            "outlettype" : [ "int" ],  
            "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],  
            "text" : "random"  
        }  
    }  
,  
    {  
        "box" :  
            {  
                "fontname" : "Arial",  
                "fontsize" : 12.0,  
                "id" : "obj-92",  
                "maxclass" : "number",  
                "numinlets" : 1,  
                "numoutlets" : 2,  
                "outlettype" : [ "int", "bang" ],  
                "parameter_enable" : 0,  
                "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]  
            }  
        }  
    }  
}
```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-90",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
        "text" : "+"
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-89",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
```

```
        "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
        "text" : "t i b"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-88",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
            "text" : "+ 1"
        }
},
{
    "box" :
        {
            "id" : "obj-87",
            "maxclass" : "toggle",
            "numinlets" : 1,
            "numoutlets" : 1,
```

```

        "outlettype" : [ "int" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-83",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 2,
            "outlettype" : [ "", "" ],
            "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
            "text" : "gate 2 1"
        }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-82",

```

```
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
        "text" : "-"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-80",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
            "text" : "decide"
        }
},
{
    "box" :
        {
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-79",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
        "text" : "scale 50 127 1 12"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-78",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
            "text" : "t 0"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-76",

"maxclass" : "newobj",

"numinlets" : 3,

"numoutlets" : 2,

"outlettype" : ["int", "int"],

"patching_rect" : [103.0, 133.0, 59.0, 20.0],

"text" : "split 0 49"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-12",

"maxclass" : "newobj",

"numinlets" : 0,

"numoutlets" : 1,

"outlettype" : [""],

"patching_rect" : [103.0, 100.0, 43.0, 20.0],

```

        "text" : "r pitch"
    }

    },
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-107",
                "maxclass" : "inlet",
                "numinlets" : 0,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
            }
    }

    },
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-108",
                "maxclass" : "outlet",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
            }
    }

```

```
    }
],
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-97", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-100", 0 ]
                }
        }
    ,
        {
            "patchline" :
                {
                    "destination" : [ "obj-100", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-106", 0 ]
                }
        }
    ,
        {
            "patchline" :
                {
                    "destination" : [ "obj-83", 1 ],
                    "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-107", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-76", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-12", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-78", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-76", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-79", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-76", 1 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-90", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-78", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-100", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-79", 0 ]
        }
},
{
```

```
      "patchline" :  
          {  
            "destination" : [ "obj-87", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-80", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-92", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-82", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-82", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-83", 1 ]  
          }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-90", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-83", 0 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-88", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-87", 0 ]
      }
  }
},
{
  "patchline" :
    {
      "destination" : [ "obj-83", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```
        "source" : [ "obj-88", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-80", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-89", 1 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-82", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-89", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-90", 1 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-90", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-108", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-92", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-89", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-95", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-95", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-97", 1 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-95", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-97", 0 ]
      }
  }

```

```

}

```

```

]
    }
,
    "patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "globalpatchername" : "",
            "tags" : ""
        }
,
    "text" : "p pitch drunk"
}

}
{
    "bo
{
x" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-74",
    "maxclass" : "newobj",
    "numinlets" : 1,

```

```
"numoutlets" : 1,
"outlettype" : [ "int" ],
"patcher" :
{
  "fileversion" : 1,
  "appversion" :
    {
      "major" : 6,
      "minor" : 1,
      "revision" : 8,
      "architecture" : "x86"
    }
},
"rect" : [ 0.0, 0.0, 640.0, 480.0 ],
"bglocked" : 0,
"openinpresentation" : 0,
"default_fontsize" : 12.0,
"default_fontface" : 0,
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
```

```
"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "fontname" : "Arial",

                "fontsize" : 12.0,

                "id" : "obj-71",

                "maxclass" : "newobj",

                "numinlets" : 2,

                "numoutlets" : 1,

                "outlettype" : [ "float" ],

                "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],

                "text" : "+ 1."

            }

    }

,

    {

        "box" :

            {

                "fontname" : "Arial",

                "fontsize" : 12.0,
```

```

        "id" : "obj-60",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-63",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }
},
{
    "box" :

```

```
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-64",  
            "maxclass" : "number",  
            "numinlets" : 1,  
            "numoutlets" : 2,  
            "outlettype" : [ "int", "bang" ],  
            "parameter_enable" : 0,  
            "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]  
        }  
    }  
,  
    {  
        "box" :  
            {  
                "fontname" : "Arial",  
                "fontsize" : 12.0,  
                "id" : "obj-65",  
                "maxclass" : "newobj",  
                "numinlets" : 2,  
                "numoutlets" : 1,  
                "outlettype" : [ "float" ],  
                "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],  
                "text" : "* 1000."  
            }  
        }  
    }
```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-66",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
        "text" : "print"
      }
    }
  ],
  {
    "box" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-67",
      "maxclass" : "flonum",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "float", "bang" ],
      "parameter_enable" : 0,
```

```

        "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-69",
            "maxclass" : "newobj",
            "numinlets" : 2,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-58",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
            "text" : "scale 0. 49. 0.5 1."
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-56",
        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
        "text" : "split 71 127"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-55",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-48",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-43",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
                "text" : "/ 1000."
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-42",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-36",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
```

```

        "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-31",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
            "text" : "print"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",
            "maxclass" : "flonum",
            "numinlets" : 1,

```

```

        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-23",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-22",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
            "text" : "t 1"
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-19",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
            "text" : "* 0."
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-17",
                "maxclass" : "newobj",
                "numinlets" : 6,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
                "text" : "scale 71. 127. 0. 0.5"
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-14",
        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
        "text" : "split 50 70"
      }
    }
  ],
  {
    "box" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-11",
      "maxclass" : "newobj",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
```

```

        "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
        "text" : "r duration"
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
        }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-73",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
        }
    }
}

```

```

    }

    },

    "lines" : [

        {

            "patchline" :

                {

                    "destination" : [ "obj-14", 0 ],

                    "disabled" : 0,

                    "hidden" : 0,

                    "source" : [ "obj-11", 0 ]

                }

        }

    ,

    {

        "patchline" :

            {

                "destination" : [ "obj-22", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-14", 0 ]

            }

        }

    ,

    {

        "patchline" :

            {

                "destination" : [ "obj-56", 0 ],

```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-14", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-36", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-17", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-55", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-19", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

{
  "destination" : [ "obj-19", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-22", 0 ]
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-30", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-23", 0 ]
  }
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-23", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-24", 1 ]
  }
}

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-23", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-24", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-43", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-30", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-31", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-36", 0 ]  
        }  
}
```

```
    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-42", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-36", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-24", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-42", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-71", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-43", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-48", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-73", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-55", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-17", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-56", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-58", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-56", 1 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-65", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-58", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :
      {
        "destination" : [ "obj-19", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-60", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-60", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-63", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-68", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-64", 0 ]
      }
    }
  ]
}
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-64", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-65", 0 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-66", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-65", 0 ]
      }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-63", 0 ],
      "disabled" : 0,
      "hidden" : 0,

```

```
        "source" : [ "obj-67", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-67", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-69", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-48", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-71", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-72", 0 ]
            }
    }

    ]
},
,
```

```

"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    },
    "text" : "p duration_drunk"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-52",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],

```

```

        "text" : "s next_note"
    }
},
{
    "bo
x" :
    {
        "id" : "obj-47",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
},
{
    "bo
x" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-41",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
        "text" : "r play_time"
    }
},
{
    "bo
x" :
    {

```

```

        "id" : "obj-37",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-34",
        "maxclass" : "message",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
        "text" : "set $1"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-32",
        "maxclass" : "newobj",

```

```

    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
    "text" : "match"
  }
},
{
  "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
    "text" : "zl reg"
  }
},
{
  "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-20",
    "maxclass" : "newobj",
    "numinlets" : 1,

```

```

    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-18",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-35",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,

```

```

        "outlettype" : [ "" ],
        "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
        "text" : "$1 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-29",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
        "text" : "unpack 0 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-28",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],

```

```

    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
  }
},
{
  "bo
  {
    x" :
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-27",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "bang", "int" ],
      "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
      "text" : "t b i"
    }
  }
},
{
  "bo
  {
    x" :
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-26",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],

```

```

        "text" : "delay"
    }
}
,
{
    "bo
x" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-16",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
        "text" : "sprintf 144\\, %ld\\, %ld"
    }
}
,
{
    "bo
x" :
    {
        "comment" : "",
        "id" : "obj-61",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
}
,
{

```

```

x" :
    "comment" : "",
    "id" : "obj-62",
    "maxclass" : "outlet",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
},
    "lines" : [
        {
            "pa
tchline" :
        {
            "destination" : [ "obj-16", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-109", 0 ]
        }
    ],
    "pa
tchline" :
    {
        "destination" : [ "obj-35", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
},
    {

```

```

tchline" :
{
    "destination" : [ "obj-62", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-16", 0 ]
}
,
tchline" :
{
    "destination" : [ "obj-21", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 1 ]
}
,
tchline" :
{
    "destination" : [ "obj-34", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-18", 0 ]
}
,
tchline" :
{
    "destination" : [ "obj-109", 0 ],
```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 1 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,

```

```

        "source" : [ "obj-21", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
        "source" : [ "obj-27", 1 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
        "source" : [ "obj-27", 0 ]
    }
}

```

```

    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-29", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-28", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-16", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 0 ]
  }
}
,
{
  "pa
```

```
tchline" :
{
    "destination" : [ "obj-47", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-37", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-32", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-34", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-28", 1 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-35", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-37", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-41", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
```

```

    }
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-18", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-61", 0 ]
    }
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-27", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-74", 0 ]
    }
    }
]
}
,
"patching_rect" :
"saved_object_attribute
{
    "default_fontface
    "default_fontnam
    "default_fontsize
    "description" : "",
    "digest" : "",
    "fontface" : 0,
    "fontname" :

```

```

"Arial",
"fontsize" : 12.0,
"globalpatcherna
me" : "",
"tags" : ""
}
,
"text" : "p play"
}
}
{
"box" :
{
"fontname" : "Arial",
"fontsize" : 12.0,
"id" : "obj-78",
"maxclass" : "newobj",
"numinlets" : 1,
"numoutlets" : 1,
"outlettype" : [ "" ],
"patcher" :
{
"fileversion" : 1,
"appversion" :
{
"major" :
"minor" :
"revision"
"architect
}
"rect" : [ 54.0,
94.0, 952.0, 760.0 ],
"bglocked" : 0,
"openinpresentat
"default_fontsize
"default_fontface
"default_fontnam
"gridonopen" : 0,
"gridsize" :
[ 15.0, 15.0 ],

```

```

" : 0,
: 2,
1,
" : 200,

1,
1,
0.0,

x" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-109",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],
    "patcher" :
        {
            "fileversion" : 1,
            "appversion" :

                {
                    "major" : 6,
                    "minor" : 1,
                    "revision" : 8,

```

```

"gridsnaponopen
"statusbarvisible"
"toolbarvisible" :
"boxanimatetime
"imprint" : 0,
"enablehscroll" :
"enablevscroll" :
"devicewidth" :
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{
    "bo
{

```

```
        "architecture" : "x86"
    }
,
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
    "bglocked" : 0,
    "openinpresentation" : 0,
    "default_fontsize" : 12.0,
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "gridonopen" : 0,
    "gridsize" : [ 15.0, 15.0 ],
    "gridsnaponopen" : 0,
    "statusbarvisible" : 2,
    "toolbarvisible" : 1,
    "boxanimatetime" : 200,
    "imprint" : 0,
    "enablehscroll" : 1,
    "enablevscroll" : 1,
    "devicewidth" : 0.0,
    "description" : "",
    "digest" : "",
    "tags" : "",
    "boxes" : [
        {
            "box" :
            {
```

```

        "id" : "obj-106",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-100",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
        }

},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-97",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-95",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
            "text" : "random"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-92",

"maxclass" : "number",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"parameter_enable" : 0,

"patching_rect" : [80.0, 447.0, 50.0, 20.0]

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-90",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [50.0, 384.0, 32.5, 20.0],

```
        "text" : "+"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-89",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
        "text" : "t i b"
    }
},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-88",
        "maxclass" : "newobj",
        "numinlets" : 2,
```

```
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
        "text" : "+ 1"
    }

},

{
    "box" :
        {
            "id" : "obj-87",
            "maxclass" : "toggle",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-83",
            "maxclass" : "newobj",
```

```

        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
        "text" : "gate 2 1"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-82",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
            "text" : "-"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-80",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
        "text" : "decide"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-79",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
        "text" : "scale 50 127 1 12"
    }
},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-78",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],  
        "text" : "t 0"  
    }  
}
```

,

```
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-76",  
            "maxclass" : "newobj",  
            "numinlets" : 3,  
            "numoutlets" : 2,  
            "outlettype" : [ "int", "int" ],  
            "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],  
            "text" : "split 0 49"  
        }  
}
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-12",
                "maxclass" : "newobj",
                "numinlets" : 0,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
                "text" : "r pitch"
            }
    }

    },
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-107",
                "maxclass" : "inlet",
                "numinlets" : 0,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],

```

```
        "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
    }

    },
    {
        "box" :
            {
                "comment" : "",
                "id" : "obj-108",
                "maxclass" : "outlet",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
            }
    }
],
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-97", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-100", 0 ]
                }
        }
    ],
    {
```

```
      "patchline" :  
        {  
          "destination" : [ "obj-100", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-106", 0 ]  
        }  
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-83", 1 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-107", 0 ]  
        }  
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-76", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-12", 0 ]  
        }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-78", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-76", 0 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-79", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-76", 1 ]
      }
  }
],
{
  "patchline" :
```

```
    {
      "destination" : [ "obj-79", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-76", 1 ]
    }
  }
],
{
  "patchline" :
```

```
    {
      "destination" : [ "obj-90", 1 ],
      "disabled" : 0,
      "hidden" : 0,

```

```
        "source" : [ "obj-78", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-79", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-87", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-80", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-82", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-88", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-87", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-83", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-88", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-80", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 1 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-82", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-89", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-90", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-89", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-92", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-90", 0 ]  
        }  
}
```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-108", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-92", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-89", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-95", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 1 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-97", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 0 ]
            }
    }
]

},
{
    "patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" : "Arial",
```

```

        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p pitch drunk"
    }
    }
,
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-74",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],
    "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
                {
                    "major" : 6,
                    "minor" : 1,
                    "revision" : 8,
                    "architecture" : "x86"
                }
        }
,

```

```
"rect" : [ 0.0, 0.0, 640.0, 480.0 ],
"bglocked" : 0,
"openinpresentation" : 0,
"default_fontsize" : 12.0,
"default_fontface" : 0,
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-71",
```

```

        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
        "text" : "+ 1."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-60",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
        }

},
{
    "box" :
        {

```

```
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-63",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
        "text" : "/ 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-64",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
        }
}
```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-65",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["float"],

"patching_rect" : [413.0, 268.0, 49.0, 20.0],

"text" : "* 1000."

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-66",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 0,

"patching_rect" : [468.5, 268.0, 34.0, 20.0],

"text" : "print"

```
    }

    },
    {
      "box" :
        {
          "fontname" : "Arial",
          "fontsize" : 12.0,
          "id" : "obj-67",
          "maxclass" : "flonum",
          "numinlets" : 1,
          "numoutlets" : 2,
          "outlettype" : [ "float", "bang" ],
          "parameter_enable" : 0,
          "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
        }
    }
    },
    {
      "box" :
        {
          "fontname" : "Arial",
          "fontsize" : 12.0,
          "id" : "obj-68",
          "maxclass" : "newobj",
          "numinlets" : 1,
          "numoutlets" : 2,
```

```

        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-69",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-58",

```

```

        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
        "text" : "scale 0. 49. 0.5 1."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-56",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
            "text" : "split 71 127"
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-55",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-48",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-43",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["float"],

"patching_rect" : [201.0, 383.0, 47.0, 20.0],

"text" : "/ 1000."

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-42",

"maxclass" : "number",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"parameter_enable" : 0,

```
        "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-36",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-31",
            "maxclass" : "newobj",
            "numinlets" : 1,
```

```
        "numoutlets" : 0,
        "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
        "text" : "print"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
```

```
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-23",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
},
{
    "box" :
        {
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-22",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
        "text" : "t 1"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-19",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
            "text" : "* 0."
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-17",

"maxclass" : "newobj",

"numinlets" : 6,

"numoutlets" : 1,

"outlettype" : [""],

"patching_rect" : [247.0, 219.0, 119.0, 20.0],

"text" : "scale 71. 127. 0. 0.5"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-14",

"maxclass" : "newobj",

"numinlets" : 3,

"numoutlets" : 2,

"outlettype" : ["int", "int"],

"patching_rect" : [201.0, 147.0, 65.0, 20.0],

```

        "text" : "split 50 70"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-11",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
        "text" : "r duration"
    }
},

{
    "box" :
    {
        "comment" : "",
        "id" : "obj-72",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,

```

```

        "outlettype" : [ "int" ],
        "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
    }

},
{
    "box" :
    {
        "comment" : "",
        "id" : "obj-73",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
    }
},
],
"lines" : [
    {
        "patchline" :
        {
            "destination" : [ "obj-14", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-11", 0 ]
        }
    }
]

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-22", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-14", 0 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-56", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-14", 1 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-36", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-17", 0 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-55", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-19", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-19", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-22", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-30", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-23", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-43", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-30", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-31", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-36", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-42", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-36", 0 ]
            }
    }

```

```
    ,
    {

```

```
    "patchline" :  
        {  
            "destination" : [ "obj-24", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-42", 0 ]  
        }  
    },  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-71", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-43", 0 ]  
            }  
        },  
        {  
            "patchline" :  
                {  
                    "destination" : [ "obj-19", 1 ],  
                    "disabled" : 0,  
                    "hidden" : 0,  
                    "source" : [ "obj-48", 0 ]  
                }  
        }
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-73", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-55", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-17", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-56", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-58", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-56", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-65", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-58", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-60", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-60", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-63", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-68", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-64", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-64", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-65", 0 ]
        }
},
{
    "patchline" :
```

```

    {
      "destination" : [ "obj-66", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-65", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-63", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-67", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-69", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-68", 1 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-69", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-68", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-67", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-69", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-48", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-71", 0 ]  
        }  
}
```

```

        }

    }

    ,

    {

        "patchline" :

            {

                "destination" : [ "obj-19", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-72", 0 ]

            }

    }

]

}

,

"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],

"saved_object_attributes" :

    {

        "default_fontface" : 0,

        "default_fontname" : "Arial",

        "default_fontsize" : 12.0,

        "description" : "",

        "digest" : "",

        "fontface" : 0,

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "globalpatchername" : "",

```

```

        "tags" : ""
    }
,
    "text" : "p duration_drunk"
    }
    }
,
    {
        "bo
    {
x" :

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-52",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
        "text" : "s next_note"
    }
    }
,
    {
        "bo
    {
x" :

        "id" : "obj-47",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
    }
,
    {

```

```

x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-41",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
    "text" : "r play_time"
},
x" :
    "id" : "obj-37",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
},
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-34",

```

```

    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
    "text" : "set $1"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-32",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
    "text" : "match"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",

```

```

    "numinlets" : 2,

    "numoutlets" : 2,

    "outlettype" : [ "", "" ],

    "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],

    "text" : "zl reg"
    }
  }
,
  {
    "bo
    {
      "fontname" : "Arial",

      "fontsize" : 12.0,

      "id" : "obj-20",

      "maxclass" : "newobj",

      "numinlets" : 1,

      "numoutlets" : 3,

      "outlettype" : [ "int", "int", "int" ],

      "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],

      "text" : "unpack 0 0 0"
    }
  }
,
  {
    "bo
    {
      "fontname" : "Arial",

      "fontsize" : 12.0,

      "id" : "obj-18",

      "maxclass" : "newobj",

      "numinlets" : 2,

```

```

    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
    }
  }
  {
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-35",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
    "text" : "$1 0"
    }
  }
  {
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-29",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,

```

```

        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
        "text" : "unpack 0 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-28",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
        "text" : "zl reg"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-27",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],

```

```

    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-26",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
    "text" : "delay"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-16",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],

```

```

        "text" : "sprintf 144\\, %ld\\, %ld"
    }
}
,
    {
        "bo
    {
        "comment" : "",
        "id" : "obj-61",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
}
,
    {
        "bo
    {
        "comment" : "",
        "id" : "obj-62",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
}
],
    "lines" : [
    {
        "pa
tchline" :
    {

```

```

    "destination" : [ "obj-16", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-109", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-35", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-109", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-62", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-16", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-21", 1 ],
    "disabled" : 0,
    "hidden" : 0,
```

```

        "source" : [ "obj-18", 1 ]
    }
}
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-34", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 0 ]
    }
}
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-109", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 0 ]
    }
}
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 1 ]
    }
}
}

```

```
, {
    "pa
tchline" :
    {
        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
},
{
    "pa
tchline" :
    {
```

```
"destination" : [ "obj-26", 1 ],
"disabled" : 0,
"hidden" : 0,
"midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
"source" : [ "obj-27", 1 ]
    }
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
        "source" : [ "obj-27", 0 ]
    }
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-29", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-28", 0 ]
    }
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-47", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-37", 0 ],
        "disabled" : 0,
        "hidden" : 0,

```

```

    "source" : [ "obj-32", 0 ]
    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-34", 0 ]
    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-28", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-35", 0 ]
    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-37", 0 ]
    }
  }
  ,
  {

```

tchline" :	"pa
{	
"destination" : ["obj-32", 0],	
"disabled" : 0,	
"hidden" : 0,	
"source" : ["obj-41", 0]	
	}
	}
,	{
tchline" :	"pa
{	
"destination" : ["obj-52", 0],	
"disabled" : 0,	
"hidden" : 0,	
"source" : ["obj-47", 0]	
	}
	}
,	{
tchline" :	"pa
{	
"destination" : ["obj-18", 0],	
"disabled" : 0,	
"hidden" : 0,	
"source" : ["obj-61", 0]	
	}
	}
,	{
tchline" :	"pa
{	
"destination" : ["obj-27", 0],	

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-74", 0 ]
    }
}

]
,
[ 277.0, 288.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",
,
,
{
    "box" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-79",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patcher" :
            "fileversion" : 1,

```

```
6,
1,
: 8,
ure" : "x86"
,
94.0, 952.0, 760.0 ],
ion" : 0,
" : 12.0,
" : 0,
e" : "Arial",
[ 15.0, 15.0 ],
" : 0,
: 2,
1,
" : 200,
1,
1,
0.0,
x" :
"fontname" : "Arial",
```

```
"appversion" :
{
    "major" :
    "minor" :
    "revision"
    "architect
}
"rect" : [ 54.0,
"bglocked" : 0,
"openinpresentat
"default_fontsize
"default_fontface
"default_fontnam
"gridonopen" : 0,
"gridsize" :
"gridsnaponopen
"statusbarvisible"
"toolbarvisible" :
"boxanimatetime
"imprint" : 0,
"enablehscroll" :
"enablevscroll" :
"devicewidth" :
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{
    "bo
{
```

```
"fontsize" : 12.0,

"id" : "obj-109",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : [ "int" ],

"patcher" :
    {
        "fileversion" : 1,
        "appversion" :
            {
                "major" : 6,
                "minor" : 1,
                "revision" : 8,
                "architecture" : "x86"
            }
    },

    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],

    "bglocked" : 0,

    "openinpresentation" : 0,

    "default_fontsize" : 12.0,

    "default_fontface" : 0,

    "default_fontname" : "Arial",

    "gridonopen" : 0,

    "gridsize" : [ 15.0, 15.0 ],

    "gridsnaponopen" : 0,
```

```
"statusbarvisible" : 2,

"toolbarvisible" : 1,

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "id" : "obj-106",

                "maxclass" : "button",

                "numinlets" : 1,

                "numoutlets" : 1,

                "outlettype" : [ "bang" ],

                "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]

            }

    }

],

{

    "box" :

        {

            "fontname" : "Arial",
```

```

        "fontsize" : 12.0,
        "id" : "obj-100",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-97",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-95",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],  
        "text" : "random"  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-92",  
        "maxclass" : "number",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-90",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
                "text" : "+"
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-89",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,

```

```

        "outlettype" : [ "int", "bang" ],
        "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
        "text" : "t i b"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-88",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
            "text" : "+ 1"
        }
},
{
    "box" :
        {
            "id" : "obj-87",
            "maxclass" : "toggle",
            "numinlets" : 1,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-83",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 2,
            "outlettype" : [ "", "" ],
            "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
            "text" : "gate 2 1"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-82",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
        "text" : "-"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-80",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
            "text" : "decide"
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-79",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
            "text" : "scale 50 127 1 12"
        }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-78",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
                "text" : "t 0"
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-76",
        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
        "text" : "split 0 49"
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-12",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
```

```
        "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
        "text" : "r pitch"
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
        }
},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-108",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
        }
}
```

```

    }

    },

    "lines" : [

        {

            "patchline" :

                {

                    "destination" : [ "obj-97", 0 ],

                    "disabled" : 0,

                    "hidden" : 0,

                    "source" : [ "obj-100", 0 ]

                }

        }

    ,

    {

        "patchline" :

            {

                "destination" : [ "obj-100", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-106", 0 ]

            }

        }

    ,

    {

        "patchline" :

            {

                "destination" : [ "obj-83", 1 ],

```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-107", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-76", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-12", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-78", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-76", 0 ]
        }
},
{
    "patchline" :
```

```

    {
      "destination" : [ "obj-79", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-76", 1 ]
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-90", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-78", 0 ]
      }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-100", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-79", 0 ]
      }
  }
}
```

,

```
{  
  
  "patchline" :  
    {  
      "destination" : [ "obj-87", 0 ],  
      "disabled" : 0,  
      "hidden" : 0,  
      "source" : [ "obj-80", 0 ]  
    }  
}
```

,

```
{  
  
  "patchline" :  
    {  
      "destination" : [ "obj-92", 0 ],  
      "disabled" : 0,  
      "hidden" : 0,  
      "source" : [ "obj-82", 0 ]  
    }  
}
```

,

```
{  
  
  "patchline" :  
    {  
      "destination" : [ "obj-82", 0 ],  
      "disabled" : 0,  
      "hidden" : 0,  
      "source" : [ "obj-83", 1 ]  
    }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-90", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-83", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-88", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-87", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-83", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-88", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-80", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-90", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 0 ]
    }

},

{
    "patchline" :
        {
            "destination" : [ "obj-92", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-90", 0 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-108", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-92", 0 ]
        }
},

{
```

```
    "patchline" :  
        {  
            "destination" : [ "obj-89", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-95", 0 ]  
        }  
    },  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-95", 1 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-97", 1 ]  
            }  
        },  
        {  
            "patchline" :  
                {  
                    "destination" : [ "obj-95", 0 ],  
                    "disabled" : 0,  
                    "hidden" : 0,  
                    "source" : [ "obj-97", 0 ]  
                }  
        }
```

```

    }
]

}

,

"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],

"saved_object_attributes" :
{
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "default_fontsize" : 12.0,
    "description" : "",
    "digest" : "",
    "fontface" : 0,
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "globalpatchername" : "",
    "tags" : ""
}

,

"text" : "p pitch drunk"
}

}

,

"bo
{
x" :

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-74",

"maxclass" : "newobj",

```

```
"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : [ "int" ],

"patcher" :
{
    "fileversion" : 1,
    "appversion" :
        {
            "major" : 6,
            "minor" : 1,
            "revision" : 8,
            "architecture" : "x86"
        }
},

"rect" : [ 0.0, 0.0, 640.0, 480.0 ],

"bglocked" : 0,

"openinpresentation" : 0,

"default_fontsize" : 12.0,

"default_fontface" : 0,

"default_fontname" : "Arial",

"gridonopen" : 0,

"gridsize" : [ 15.0, 15.0 ],

"gridsnaponopen" : 0,

"statusbarvisible" : 2,

"toolbarvisible" : 1,

"boxanimatetime" : 200,
```

```

    "imprint" : 0,
    "enablehscroll" : 1,
    "enablevscroll" : 1,
    "devicewidth" : 0.0,
    "description" : "",
    "digest" : "",
    "tags" : "",
    "boxes" : [
        {
            "box" :
                {
                    "fontname" : "Arial",
                    "fontsize" : 12.0,
                    "id" : "obj-71",
                    "maxclass" : "newobj",
                    "numinlets" : 2,
                    "numoutlets" : 1,
                    "outlettype" : [ "float" ],
                    "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
                    "text" : "+ 1."
                }
        },
        {
            "box" :
                {
                    "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-60",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-63",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }
},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-64",  
        "maxclass" : "number",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-65",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "float" ],  
        "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],  
        "text" : "* 1000."
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-66",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
                "text" : "print"
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-67",
                "maxclass" : "flonum",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "float", "bang" ],

```

```

        "parameter_enable" : 0,
        "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-69",
            "maxclass" : "newobj",

```

```

        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-58",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
            "text" : "scale 0. 49. 0.5 1."
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-56",
        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
        "text" : "split 71 127"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-55",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
        }
},

{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-48",  
        "maxclass" : "flonum",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "float", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-43",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "float" ],  
        "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],  
        "text" : "/ 1000."
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-42",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-36",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "float" ],
        "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-31",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
            "text" : "print"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",
            "maxclass" : "flonum",

```

```

        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",

```

```
        "fontsize" : 12.0,
        "id" : "obj-23",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-22",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
        "text" : "t 1"
    }
},
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-19",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "float" ],  
        "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],  
        "text" : "* 0."  
    }  
}
```

```
,  
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-17",  
        "maxclass" : "newobj",  
        "numinlets" : 6,  
        "numoutlets" : 1,  
        "outlettype" : [ "" ],  
        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],  
        "text" : "scale 71. 127. 0. 0.5"
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-14",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,
                "outlettype" : [ "int", "int" ],
                "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
                "text" : "split 50 70"
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-11",
                "maxclass" : "newobj",
                "numinlets" : 0,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "" ],
        "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
        "text" : "r duration"
    }

},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
        }
},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-73",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,

```

```
        "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
    }

    },
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-11", 0 ]
                }
        }
    ],
    {
        "patchline" :
            {
                "destination" : [ "obj-22", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 0 ]
            }
    }
    ,
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-56", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-14", 1 ]
    }
```

```
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-36", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-17", 0 ]
            }
    }
```

```
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-55", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-19", 0 ]
            }
    }
```

```
    },
    {
```

```
      "patchline" :  
          {  
              "destination" : [ "obj-19", 1 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-22", 0 ]  
          }  
    }  
  ,  
  {  
      "patchline" :  
          {  
              "destination" : [ "obj-30", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-23", 0 ]  
          }  
    }  
  ,  
  {  
      "patchline" :  
          {  
              "destination" : [ "obj-23", 1 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-24", 1 ]  
          }  
    }
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-23", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-24", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-43", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-30", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-31", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-36", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-42", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-36", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-24", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-42", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-71", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-43", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-48", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-73", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-55", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-17", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-56", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-58", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-56", 1 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-65", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-58", 0 ]
      }
  }
}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-19", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-60", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-60", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-63", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-68", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-64", 0 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-64", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-65", 0 ]

            }

    }

    ,

    {

        "patchline" :

            {

                "destination" : [ "obj-66", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-65", 0 ]

            }

    }

    ,

    {

        "patchline" :

            {

                "destination" : [ "obj-63", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-67", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-67", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-69", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-48", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-71", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-19", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-72", 0 ]
        }
}
]
```

```

    }
    ,
    "patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "globalpatchername" : "",
            "tags" : ""
        }
    ,
    "text" : "p duration_drunk"
    }
}
,
{
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,

```

```

    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
  }
},
{
  "bo
x" :
  {
    "id" : "obj-47",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
  }
},
{
  "bo
x" :
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-41",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
    "text" : "r play_time"
  }
},
{

```

```

x" :
    "id" : "obj-37",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
},
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-34",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
    "text" : "set $1"
    }
},
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-32",

```

```

    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
    "text" : "match"
    }
},
{
    "bo
    {
x" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
    "text" : "zl reg"
    }
},
{
    "bo
    {
x" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-20",
    "maxclass" : "newobj",

```

```

    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-18",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-35",
    "maxclass" : "message",
    "numinlets" : 2,

```

```

    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
    "text" : "$1 0"
    }
  }
  {
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-29",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int", "int" ],
    "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
    "text" : "unpack 0 0"
    }
  }
  {
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-28",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,

```

```

        "outlettype" : [ "", "" ],
        "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
        "text" : "zl reg"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-27",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
        "text" : "t b i"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-26",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],

```

```

    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
    "text" : "delay"
    }
  }
,
  {
    "bo
x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-16",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
      "text" : "sprintf 144\\, %ld\\, %ld"
    }
  }
,
  {
    "bo
x" :
    {
      "comment" : "",
      "id" : "obj-61",
      "maxclass" : "inlet",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
  }

```

```

    },
    "x" :
    {
        "comment" : "",
        "id" : "obj-62",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
],
    "lines" : [
    {
        "pchline" :
        {
            "destination" : [ "obj-16", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-109", 0 ]
        }
    }
],
    "pchline" :
    {
        "destination" : [ "obj-35", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
}

```

```
    },
    {
      "pa
tchline" :
    {
      "destination" : [ "obj-62", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-16", 0 ]
    }
  }
}
```

```
    },
    {
      "pa
tchline" :
    {
      "destination" : [ "obj-21", 1 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-18", 1 ]
    }
  }
}
```

```
    },
    {
      "pa
tchline" :
    {
      "destination" : [ "obj-34", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-18", 0 ]
    }
  }
}
```

```
    },
    {
      "pa
tchline" :
    {

```

```

    "destination" : [ "obj-109", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 1 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-74", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 2 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-20", 0 ],
    "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
        "source" : [ "obj-27", 1 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
```

```

        "source" : [ "obj-27", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-29", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-28", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 0 ]
    }
}
}

```

```
, {
    "pa
tchline" :
    {
        "destination" : [ "obj-47", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-37", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-32", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
},
{
    "pa
tchline" :
    {
```

```

    "destination" : [ "obj-28", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-35", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-37", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-41", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-52", 0 ],
    "disabled" : 0,
    "hidden" : 0,
```

```

        "source" : [ "obj-47", 0 ]
    }
    }
    ,
    {
        "patching_rect" : [ 262.0, 273.0, 43.0, 20.0 ],
        "tchline" :
        {
            "destination" : [ "obj-18", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-61", 0 ]
        }
    }
    ,
    {
        "patching_rect" : [ 262.0, 273.0, 43.0, 20.0 ],
        "tchline" :
        {
            "destination" : [ "obj-27", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-74", 0 ]
        }
    }
]
,
[ 262.0, 273.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,

"patching_rect" :
"saved_object_attribute
{
    "default_fontface
    "default_fontnam
    "default_fontsize
    "description" : "",
    "digest" : "",

```

```

"Arial",
me" : "",
,
,
{
    "fontface" : 0,
    "fontname" :
    "fontsize" : 12.0,
    "globalpatcherna
    "tags" : ""
}
"text" : "p play"
}
}
{
    "box" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-68",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patcher" :
    {
        "fileversion" : 1,
        "appversion" :
        {
            "major" :
            "minor" :
            "revision"
            "architect
        }
    }
    "rect" : [ 54.0,
    "bglocked" : 0,
    "openinpresentat
    "default_fontsize
    "default_fontface
    "default_fontnam
    "gridonopen" : 0,

```

[15.0, 15.0],

" : 0,

: 2,

1,

" : 200,

1,

1,

0.0,

x" :

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-109",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patcher" :

{

"fileversion" : 1,

"appversion" :

{

"major" : 6,

"minor" : 1,

"gridsize" :

"gridsnaponopen

"statusbarvisible"

"toolbarvisible" :

"boxanimatetime

"imprint" : 0,

"enablehscroll" :

"enablevscroll" :

"devicewidth" :

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

{

"bo

{

```
        "revision" : 8,
        "architecture" : "x86"
    },
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
    "bglocked" : 0,
    "openinpresentation" : 0,
    "default_fontsize" : 12.0,
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "gridonopen" : 0,
    "gridsize" : [ 15.0, 15.0 ],
    "gridsnaponopen" : 0,
    "statusbarvisible" : 2,
    "toolbarvisible" : 1,
    "boxanimatetime" : 200,
    "imprint" : 0,
    "enablehscroll" : 1,
    "enablevscroll" : 1,
    "devicewidth" : 0.0,
    "description" : "",
    "digest" : "",
    "tags" : "",
    "boxes" : [
        {
            "box" :
```

```

        {
            "id" : "obj-106",
            "maxclass" : "button",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "bang" ],
            "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-100",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
            }
    },
    {
        "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-97",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
            "text" : "t b i"
        }

    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-95",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
                "text" : "random"
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-92",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-90",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
```

```
        "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
        "text" : "+"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
            "text" : "t i b"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-88",
            "maxclass" : "newobj",
```

```

        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
        "text" : "+ 1"
    }

},

{
    "box" :
        {
            "id" : "obj-87",
            "maxclass" : "toggle",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
        }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-83",

```

```

        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
        "text" : "gate 2 1"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-82",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
            "text" : "-"
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-80",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
        "text" : "decide"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-79",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
            "text" : "scale 50 127 1 12"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-78",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [72.0, 198.0, 24.0, 20.0],

"text" : "t 0"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-76",

"maxclass" : "newobj",

"numinlets" : 3,

"numoutlets" : 2,

"outlettype" : ["int", "int"],

"patching_rect" : [103.0, 133.0, 59.0, 20.0],

```

        "text" : "split 0 49"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-12",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
        "text" : "r pitch"
    }

},

{
    "box" :
    {
        "comment" : "",
        "id" : "obj-107",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,

```

```

        "outlettype" : [ "int" ],
        "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
    }

},
{
    "box" :
    {
        "comment" : "",
        "id" : "obj-108",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
    }
},
],
"lines" : [
    {
        "patchline" :
        {
            "destination" : [ "obj-97", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-100", 0 ]
        }
    }
}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-100", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-106", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-83", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-107", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-76", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-12", 0 ]  
        }  
}
```

```
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-78", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-76", 0 ]
            }
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-79", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-76", 1 ]
            }
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 1 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-78", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-79", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-87", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-80", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-92", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-82", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 1 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :
      {
        "destination" : [ "obj-88", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-87", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-83", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-88", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-80", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 1 ]
      }
    }
  ]
}
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-82", 1 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-89", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-90", 1 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-89", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-92", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-90", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-108", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-92", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-89", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-95", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-95", 1 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-97", 1 ]
    }

    }
,
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 0 ]
            }
    }
]
}
,
    "patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
```

```

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "globalpatchername" : "",

        "tags" : ""

    }

,

    "text" : "p pitch drunk"

    }

    }

,

    {

        "bo

    {

x" :

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-74",

        "maxclass" : "newobj",

        "numinlets" : 1,

        "numoutlets" : 1,

        "outlettype" : [ "int" ],

        "patcher" :

            {

                "fileversion" : 1,

                "appversion" :

                    {

                        "major" : 6,

                        "minor" : 1,

                        "revision" : 8,

                        "architecture" : "x86"

                    }

            }

    }

}

```

,

"rect" : [0.0, 0.0, 640.0, 480.0],

"bglocked" : 0,

"openinpresentation" : 0,

"default_fontsize" : 12.0,

"default_fontface" : 0,

"default_fontname" : "Arial",

"gridonopen" : 0,

"gridsize" : [15.0, 15.0],

"gridsnaponopen" : 0,

"statusbarvisible" : 2,

"toolbarvisible" : 1,

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

```

        "id" : "obj-71",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
        "text" : "+ 1."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-60",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
        }

},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-63",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-64",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-65",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
        "text" : "* 1000."
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-66",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
```

```
        "text" : "print"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
            "maxclass" : "newobj",
            "numinlets" : 1,
```

```
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-69",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
```

```

        "id" : "obj-58",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
        "text" : "scale 0. 49. 0.5 1."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-56",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
            "text" : "split 71 127"
        }
},
{
    "box" :

```

```
        {  
  
            "fontname" : "Arial",  
  
            "fontsize" : 12.0,  
  
            "id" : "obj-55",  
  
            "maxclass" : "number",  
  
            "numinlets" : 1,  
  
            "numoutlets" : 2,  
  
            "outlettype" : [ "int", "bang" ],  
  
            "parameter_enable" : 0,  
  
            "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]  
  
        }  
  
    }  
    ,  
    {  
  
        "box" :  
  
            {  
  
                "fontname" : "Arial",  
  
                "fontsize" : 12.0,  
  
                "id" : "obj-48",  
  
                "maxclass" : "flonum",  
  
                "numinlets" : 1,  
  
                "numoutlets" : 2,  
  
                "outlettype" : [ "float", "bang" ],  
  
                "parameter_enable" : 0,  
  
                "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]  
  
            }  
  
        }  
    }  
}
```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-43",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
        "text" : "/ 1000."
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-42",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
```

```

        "parameter_enable" : 0,
        "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-36",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
                "text" : "* 1000."
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-31",
                "maxclass" : "newobj",

```

```

        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
        "text" : "print"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
        }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-24",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-23",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-22",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
            "text" : "t 1"
        }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-19",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
                "text" : "* 0."
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-17",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
        "text" : "scale 71. 127. 0. 0.5"
      }
    }
  ],
  {
    "box" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-14",
      "maxclass" : "newobj",
      "numinlets" : 3,
      "numoutlets" : 2,
      "outlettype" : [ "int", "int" ],
```

```
        "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
        "text" : "split 50 70"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
            "text" : "r duration"
        }
},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",
            "numinlets" : 0,
```

```

        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
    }

},
{
    "box" :
    {
        "comment" : "",
        "id" : "obj-73",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
    }
},
    ],
    "lines" : [
        {
            "patchline" :
            {
                "destination" : [ "obj-14", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-11", 0 ]
            }
        }
    ]
}

```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-22", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-14", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-56", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-14", 1 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-36", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-17", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-55", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-19", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-22", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-30", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-23", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

{
  "destination" : [ "obj-43", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-30", 0 ]
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-31", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-36", 0 ]
  }
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-42", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-36", 0 ]
  }
}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-24", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-42", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-71", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-43", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-19", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-48", 0 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-73", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-55", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-17", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-56", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-58", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-56", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-65", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-58", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-60", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-60", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-63", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-68", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-64", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-64", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
              "destination" : [ "obj-66", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-65", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-63", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-67", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
              "destination" : [ "obj-69", 1 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-68", 1 ]  
          }  
    }
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-69", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-68", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-67", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-69", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-48", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```

        "source" : [ "obj-71", 0 ]
    }

    }
,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-72", 0 ]
            }
    }
]
}
,
"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,

```

```

        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p duration_drunk"
    }
}
,
{
    "bo
{
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
    }
}
,
{
    "bo
{
x" :
    "id" : "obj-47",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-41",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
    "text" : "r play_time"
}

```

```

,
x" :
    "id" : "obj-37",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,

```

```

        "id" : "obj-34",

        "maxclass" : "message",

        "numinlets" : 2,

        "numoutlets" : 1,

        "outlettype" : [ "" ],

        "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],

        "text" : "set $1"
    }
},
{
    "bo
    {
        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-32",

        "maxclass" : "newobj",

        "numinlets" : 1,

        "numoutlets" : 1,

        "outlettype" : [ "" ],

        "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],

        "text" : "match"
    }
},
{
    "bo
    {
        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-21",

```

```

    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
    "text" : "zl reg"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-20",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 3,
      "outlettype" : [ "int", "int", "int" ],
      "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
      "text" : "unpack 0 0 0"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-18",
      "maxclass" : "newobj",

```

```

    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-35",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
    "text" : "$1 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-29",
    "maxclass" : "newobj",
    "numinlets" : 1,

```

```

        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
        "text" : "unpack 0 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-28",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
        "text" : "zl reg"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-27",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,

```

```

"outlettype" : [ "bang", "int" ],
"patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
"text" : "t b i"
    }
  }
,
  {
    "bo
x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-26",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
      "text" : "delay"
    }
  }
,
  {
    "bo
x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-16",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],

```

```

    "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
    "text" : "sprintf 144\\, %ld\\, %ld"
    }
  }
,
  {
    "bo
  {
    x" :
      "comment" : "",
      "id" : "obj-61",
      "maxclass" : "inlet",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
  }
,
  {
    "bo
  {
    x" :
      "comment" : "",
      "id" : "obj-62",
      "maxclass" : "outlet",
      "numinlets" : 1,
      "numoutlets" : 0,
      "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
  }
],
  "lines" : [
    {
      "pa
    }
  ]
}
tchline" :

```

```

{
  "destination" : [ "obj-16", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-109", 0 ]
}
},
{
  "pchline" :
  {
    "destination" : [ "obj-35", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-109", 0 ]
  }
},
{
  "pchline" :
  {
    "destination" : [ "obj-62", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-16", 0 ]
  }
},
{
  "pchline" :
  {
    "destination" : [ "obj-21", 1 ],
    "disabled" : 0,

```

```
        "hidden" : 0,
        "source" : [ "obj-18", 1 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-34", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-109", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 1 ]
    }
}
```

```

,
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
}
,
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
}
,
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
}
,
    }
    {
        "pa
tchline" :

```

```

{
  "destination" : [ "obj-26", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
  "source" : [ "obj-27", 1 ]
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-26", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
  "source" : [ "obj-27", 0 ]
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-29", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-28", 0 ]
},
{
  "pa
tchline" :
{

```

```

        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-47", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-37", 0 ],
        "disabled" : 0,

```

```

        "hidden" : 0,
        "source" : [ "obj-32", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-35", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-37", 0 ]
    }
}

```

```
,
    {
      "pa
tchline" :
    {
      "destination" : [ "obj-32", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-41", 0 ]
    }
  }
},
```

```
,
    {
      "pa
tchline" :
    {
      "destination" : [ "obj-52", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-47", 0 ]
    }
  }
},
```

```
,
    {
      "pa
tchline" :
    {
      "destination" : [ "obj-18", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-61", 0 ]
    }
  }
},
```

```
,
    {
      "pa
tchline" :
    {

```

```

        "destination" : [ "obj-27", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-74", 0 ]
    }
}

]

,

[ 223.0, 288.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

,

{
    "box" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-69",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patcher" :
            "patching_rect" :
                "saved_object_attribute
                {
                    "default_fontface
                    "default_fontnam
                    "default_fontsize
                    "description" : "",
                    "digest" : "",
                    "fontface" : 0,
                    "fontname" :
                        "fontsize" : 12.0,
                        "globalpatcherna
                        "tags" : ""
                }
                "text" : "p play"
            }
        }
    }
}

```

```

{
    "fileversion" : 1,
    "appversion" :
    {
        "major" :
            6,
        "minor" :
            1,
        "revision" : 8,
        "architecture" : "x86"
    },
    "rect" : [ 54.0,
        94.0, 952.0, 760.0 ],
    "bglocked" : 0,
    "openinpresentat
        ion" : 0,
    "default_fontsize" : 12.0,
    "default_fontface" : 0,
    "default_fontnam
        e" : "Arial",
    "gridonopen" : 0,
    "gridsize" :
        [ 15.0, 15.0 ],
    "gridsnaponopen" : 0,
    "statusbarvisible" : 2,
    "toolbarvisible" : 1,
    "boxanimatetime" : 200,
    "imprint" : 0,
    "enablehscroll" : 1,
    "enablevscroll" : 1,
    "devicewidth" : 0.0,
    "description" : "",
    "digest" : "",
    "tags" : "",
    "boxes" : [
        {
            "bo

```

```
"fontname" : "Arial",
"fontsize" : 12.0,
"id" : "obj-109",
"maxclass" : "newobj",
"numinlets" : 1,
"numoutlets" : 1,
"outlettype" : [ "int" ],
"patcher" :
    {
        "fileversion" : 1,
        "appversion" :
            {
                "major" : 6,
                "minor" : 1,
                "revision" : 8,
                "architecture" : "x86"
            }
    },
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
    "bglocked" : 0,
    "openinpresentation" : 0,
    "default_fontsize" : 12.0,
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "gridonopen" : 0,
    "gridsize" : [ 15.0, 15.0 ],
```

```
"gridsnaponopen" : 0,

"statusbarvisible" : 2,

"toolbarvisible" : 1,

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "id" : "obj-106",

                "maxclass" : "button",

                "numinlets" : 1,

                "numoutlets" : 1,

                "outlettype" : [ "bang" ],

                "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]

            }

    }

,

    {

        "box" :

            {
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-100",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-97",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-95",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [224.0, 216.0, 51.0, 20.0],

"text" : "random"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-92",

"maxclass" : "number",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"parameter_enable" : 0,

```

        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
            "text" : "+"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",
            "maxclass" : "newobj",
            "numinlets" : 1,

```

```

        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
        "text" : "t i b"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-88",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
            "text" : "+ 1"
        }
},

{
    "box" :
        {
            "id" : "obj-87",
            "maxclass" : "toggle",

```

```

        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-83",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 2,
            "outlettype" : [ "", "" ],
            "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
            "text" : "gate 2 1"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-82",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
        "text" : "-"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-80",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
            "text" : "decide"
        }
},

{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-79",  
        "maxclass" : "newobj",  
        "numinlets" : 6,  
        "numoutlets" : 1,  
        "outlettype" : [ "" ],  
        "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],  
        "text" : "scale 50 127 1 12"  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-78",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],  
        "text" : "t 0"
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-76",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,
                "outlettype" : [ "int", "int" ],
                "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
                "text" : "split 0 49"
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-12",
                "maxclass" : "newobj",
                "numinlets" : 0,
                "numoutlets" : 1,

```

```
        "outlettype" : [ "" ],
        "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
        "text" : "r pitch"
    }

},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
        }
},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-108",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
```

```
        "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
    }

    },
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-97", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-100", 0 ]
                }
        }
    ],
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-106", 0 ]
            }
    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-83", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-107", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-76", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-12", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-78", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-76", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
              "destination" : [ "obj-79", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-76", 1 ]  
          }  
    }  
  ,  
  {  
      "patchline" :  
          {  
              "destination" : [ "obj-90", 1 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-78", 0 ]  
          }  
    }  
  ,  
  {  
      "patchline" :  
          {  
              "destination" : [ "obj-100", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-79", 0 ]  
          }  
    }
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-87", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-80", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-92", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-82", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-82", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-83", 1 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-90", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-83", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-88", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-87", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-83", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-88", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-80", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

{
  "destination" : [ "obj-90", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-89", 0 ]
}

,
{
  "patchline" :
  {
    "destination" : [ "obj-92", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-90", 0 ]
  }
}

,
{
  "patchline" :
  {
    "destination" : [ "obj-108", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-92", 0 ]
  }
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-89", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-95", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-95", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-97", 1 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-95", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-97", 0 ]  
        }  
}
```

```

        }

    }

]

}

,

"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],

"saved_object_attributes" :

    {

        "default_fontface" : 0,

        "default_fontname" : "Arial",

        "default_fontsize" : 12.0,

        "description" : "",

        "digest" : "",

        "fontface" : 0,

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "globalpatchername" : "",

        "tags" : ""

    }

,

    "text" : "p pitch drunk"

    }

    }

    {

    "bo

    {

x" :

    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-74",

```

```
"maxclass" : "newobj",
"numinlets" : 1,
"numoutlets" : 1,
"outlettype" : [ "int" ],
"patcher" :
    {
        "fileversion" : 1,
        "appversion" :
            {
                "major" : 6,
                "minor" : 1,
                "revision" : 8,
                "architecture" : "x86"
            }
    },
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
    "bglocked" : 0,
    "openinpresentation" : 0,
    "default_fontsize" : 12.0,
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "gridonopen" : 0,
    "gridsize" : [ 15.0, 15.0 ],
    "gridsnaponopen" : 0,
    "statusbarvisible" : 2,
    "toolbarvisible" : 1,
```

```

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "fontname" : "Arial",

                "fontsize" : 12.0,

                "id" : "obj-71",

                "maxclass" : "newobj",

                "numinlets" : 2,

                "numoutlets" : 1,

                "outlettype" : [ "float" ],

                "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],

                "text" : "+ 1."

            }

    }

,

    {

        "box" :

            {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-60",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-63",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
            "text" : "/ 1000."
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-64",

"maxclass" : "number",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"parameter_enable" : 0,

"patching_rect" : [451.0, 300.0, 50.0, 20.0]

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-65",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["float"],

"patching_rect" : [413.0, 268.0, 49.0, 20.0],

```

        "text" : "* 1000."
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-66",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
        "text" : "print"
    }
},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-67",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,

```

```

        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-69",

```

```

        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-58",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
            "text" : "scale 0. 49. 0.5 1."
        }
},
{
    "box" :
        {

```

```
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-56",
    "maxclass" : "newobj",
    "numinlets" : 3,
    "numoutlets" : 2,
    "outlettype" : [ "int", "int" ],
    "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
    "text" : "split 71 127"
  }

},
{
  "box" :
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-55",
    "maxclass" : "number",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int", "bang" ],
    "parameter_enable" : 0,
    "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
  }
}
```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-48",

"maxclass" : "flonum",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["float", "bang"],

"parameter_enable" : 0,

"patching_rect" : [229.0, 448.0, 50.0, 20.0]

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-43",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["float"],

"patching_rect" : [201.0, 383.0, 47.0, 20.0],

```
        "text" : "/" 1000."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-42",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-36",
            "maxclass" : "newobj",
            "numinlets" : 2,
```

```

        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-31",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
            "text" : "print"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",

```

```

        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-23",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-22",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
            "text" : "t 1"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-19",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["float"],

"patching_rect" : [78.5, 337.0, 32.5, 20.0],

"text" : "* 0."

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-17",

"maxclass" : "newobj",

"numinlets" : 6,

"numoutlets" : 1,

"outlettype" : [""],

"patching_rect" : [247.0, 219.0, 119.0, 20.0],

```

        "text" : "scale 71. 127. 0. 0.5"
    }

    },
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-14",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
            "text" : "split 50 70"
        }
    }

    },
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",
            "maxclass" : "newobj",
            "numinlets" : 0,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
        "text" : "r duration"
    }

},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
        }

},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-73",
            "maxclass" : "outlet",
            "numinlets" : 1,

```

```

        "numoutlets" : 0,
        "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
    }
},
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-11", 0 ]
                }
        }
    ],
    {
        "patchline" :
            {
                "destination" : [ "obj-22", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 0 ]
            }
    }
],
    {
        "patchline" :

```

```

    {
      "destination" : [ "obj-56", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-14", 1 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-36", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-17", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-55", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-19", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-19", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-22", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-30", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-23", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-23", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-24", 1 ]  
        }  
}
```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-43", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-30", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-31", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-36", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-42", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-36", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-24", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-42", 0 ]
        }
},
{
    "patchline" :
        {
```

```
        "destination" : [ "obj-71", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-43", 0 ]
    }
```

```
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-48", 0 ]
            }
    }
```

```
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-73", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-55", 0 ]
            }
    }
```

```
    },
    {
```

```
    "patchline" :  
        {  
            "destination" : [ "obj-17", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-56", 0 ]  
        }  
    },  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-58", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-56", 1 ]  
            }  
        },  
        {  
            "patchline" :  
                {  
                    "destination" : [ "obj-65", 0 ],  
                    "disabled" : 0,  
                    "hidden" : 0,  
                    "source" : [ "obj-58", 0 ]  
                }  
        }
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-19", 1 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-60", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-60", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-63", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-68", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-64", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-64", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-66", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-63", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-67", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

{
    "destination" : [ "obj-67", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-69", 0 ]
}

```

```

},
{
    "patchline" :
    {
        "destination" : [ "obj-48", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-71", 0 ]
    }
}

```

```

},
{
    "patchline" :
    {
        "destination" : [ "obj-19", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-72", 0 ]
    }
}

```

```

}

```

```

]
    }
,
    "patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "globalpatchername" : "",
            "tags" : ""
        }
,
    "text" : "p duration_drunk"
}

}
{
    "bo
{
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,

```

```

    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
    }
  }
  {
    "bo
    {
      "id" : "obj-47",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-41",
      "maxclass" : "newobj",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
      "text" : "r play_time"
    }
  }

```

```
,
x" :
    "id" : "obj-37",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
}
```

```
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-34",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
    "text" : "set $1"
}
```

```
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
```

```

        "id" : "obj-32",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
        "text" : "match"
    }
},
{
    "bo
{
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-21",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
        "text" : "zl reg"
    }
},
{
    "bo
{
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-20",

```

```

    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
    }
},
{
    "bo
    {
        x" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-18",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
        "text" : "zl slice 1"
    }
},
{
    "bo
    {
        x" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-35",
        "maxclass" : "message",

```

```

    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
    "text" : "$1 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-29",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int", "int" ],
    "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
    "text" : "unpack 0 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-28",
    "maxclass" : "newobj",
    "numinlets" : 2,

```

```

    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
    }
  }
  {
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-27",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
    }
  }
  {
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-26",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,

```

```

        "outlettype" : [ "bang" ],
        "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
        "text" : "delay"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-16",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
        "text" : "sprintf 144\\, %ld\\, %ld"
    }
},
{
    "bo
    {
        "comment" : "",
        "id" : "obj-61",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
}

```

```

    }
  }
  ,
  {
    "bo
  {
    "comment" : "",
    "id" : "obj-62",
    "maxclass" : "outlet",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
  }
},
  {
    "lines" : [
    {
      "pa
    }
  }
  ,
  {
    "pa
  {
    "tchline" :
    {
      "destination" : [ "obj-16", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-109", 0 ]
    }
  }
  ,
  {
    "pa
  {
    "tchline" :
    {
      "destination" : [ "obj-35", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-109", 0 ]
    }
  }

```

```

    }
  }
  ,
  "pchline" :
  {
    "destination" : [ "obj-62", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-16", 0 ]
  }
}
,
"pchline" :
{
  "destination" : [ "obj-21", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-18", 1 ]
}
}
,
"pchline" :
{
  "destination" : [ "obj-34", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-18", 0 ]
}
}
,
"pa
```

```
tchline" :
{
    "destination" : [ "obj-109", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 0 ]
}
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 1 ]
}
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-74", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 2 ]
}
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-20", 0 ],
```

```

    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-21", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
        "source" : [ "obj-27", 1 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,
        "hidden" : 0,
```

```

    "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
    "source" : [ "obj-27", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-29", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-28", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-16", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 0 ]
    }
  }
```

```

,
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-47", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
}

```

```

,
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-37", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-32", 0 ]
    }
}

```

```

,
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
}

```

```

,
    }
    {
        "pa
tchline" :

```

```
{
  "destination" : [ "obj-28", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-35", 0 ]
},
{
  "pa
tchline" :
  {
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-37", 0 ]
  },
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-32", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-41", 0 ]
    },
    {
      "pa
tchline" :
      {
        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
```

```

        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-18", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-61", 0 ]
}
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-27", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-74", 0 ]
}
}
}
]
}
,
[ 208.0, 273.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,
"patching_rect" :
"saved_object_attribute
{
    "default_fontface
    "default_fontnam
    "default_fontsize

```

```

        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" :
"Arial",
        "fontsize" : 12.0,
        "globalpatcherna
me" : "",
        "tags" : ""
    }
,
    "text" : "p play"
}
}
{
    "box" :
{
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-70",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patcher" :
{
            "fileversion" : 1,
            "appversion" :
            {
                "major" :
6,
                "minor" :
1,
                "revision"
: 8,
                "architect
ure" : "x86"
            }
,
            "rect" : [ 54.0,
94.0, 952.0, 760.0 ],
            "bglocked" : 0,
            "openinpresentat
ion" : 0,
            "default_fontsize
" : 12.0,
            "default_fontface
" : 0,
            "default_fontnam

```

e" : "Arial",

[15.0, 15.0],

" : 0,

: 2,

1,

" : 200,

1,

1,

0.0,

x" :

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-109",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patcher" :

{

"fileversion" : 1,

"appversion" :

{

"major" : 6,

"gridonopen" : 0,
"gridsize" :

"gridsnaponopen

"statusbarvisible"

"toolbarvisible" :

"boxanimatetime

"imprint" : 0,
"enablehscroll" :

"enablevscroll" :

"devicewidth" :

"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{

"bo
{

```
        "minor" : 1,  
        "revision" : 8,  
        "architecture" : "x86"  
    },  
    ,  
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],  
    "bglocked" : 0,  
    "openinpresentation" : 0,  
    "default_fontsize" : 12.0,  
    "default_fontface" : 0,  
    "default_fontname" : "Arial",  
    "gridonopen" : 0,  
    "gridsize" : [ 15.0, 15.0 ],  
    "gridsnaponopen" : 0,  
    "statusbarvisible" : 2,  
    "toolbarvisible" : 1,  
    "boxanimatetime" : 200,  
    "imprint" : 0,  
    "enablehscroll" : 1,  
    "enablevscroll" : 1,  
    "devicewidth" : 0.0,  
    "description" : "",  
    "digest" : "",  
    "tags" : "",  
    "boxes" : [  
        {
```

```
"box" :  
    {  
        "id" : "obj-106",  
        "maxclass" : "button",  
        "numinlets" : 1,  
        "numoutlets" : 1,  
        "outlettype" : [ "bang" ],  
        "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]  
    }  
},  
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-100",  
            "maxclass" : "number",  
            "numinlets" : 1,  
            "numoutlets" : 2,  
            "outlettype" : [ "int", "bang" ],  
            "parameter_enable" : 0,  
            "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]  
        }  
    }  
},  
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-97",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "bang", "int" ],  
        "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],  
        "text" : "t b i"  
    }  
}
```

,

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-95",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],  
        "text" : "random"
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-92",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-90",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "int" ],
        "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
        "text" : "+"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
            "text" : "t i b"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-88",

```

```
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
        "text" : "+ 1"
    }

},
{
    "box" :
        {
            "id" : "obj-87",
            "maxclass" : "toggle",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
```

```

        "id" : "obj-83",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
        "text" : "gate 2 1"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-82",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
            "text" : "-"
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-80",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
            "text" : "decide"
        }

    }
,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-79",
                "maxclass" : "newobj",
                "numinlets" : 6,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
                "text" : "scale 50 127 1 12"
            }
    }

```

```

    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-78",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
                "text" : "t 0"
            }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-76",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,
                "outlettype" : [ "int", "int" ],

```

```
        "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
        "text" : "split 0 49"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-12",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
            "text" : "r pitch"
        }
},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",
            "numinlets" : 0,
```

```

        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
    }

},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-108",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
        }
},

],

"lines" : [
    {
        "patchline" :
            {
                "destination" : [ "obj-97", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-100", 0 ]
            }
    }
]

```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-100", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-106", 0 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-83", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-107", 0 ]
      }
  }
},
{
  "patchline" :
    {
      "destination" : [ "obj-76", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```
        "source" : [ "obj-12", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-78", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-76", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-79", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-76", 1 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-90", 1 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-78", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-79", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-87", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-80", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```
        {  
            "destination" : [ "obj-92", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-82", 0 ]  
        }  
    },  
    {
```

```
        "patchline" :  
            {  
                "destination" : [ "obj-82", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-83", 1 ]  
            }  
    }  
    ,  
    {
```

```
        "patchline" :  
            {  
                "destination" : [ "obj-90", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-83", 0 ]  
            }  
    }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-88", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-87", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-83", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-88", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-80", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-89", 1 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-82", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-89", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-90", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-89", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-92", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-90", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-108", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-92", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-89", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-95", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```

        "destination" : [ "obj-95", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-97", 1 ]
    }

    }
,
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 0 ]
            }
    }
]
}
,
"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : ""
    }

```

```

        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p pitch drunk"
    }
    }
,
    {
        "bo
    {
x" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-74",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
            {
                "major" : 6,
                "minor" : 1,
                "revision" : 8,
                "architecture" : "x86"
            }
        }
    }

```

}

,

"rect" : [0.0, 0.0, 640.0, 480.0],

"bglocked" : 0,

"openinpresentation" : 0,

"default_fontsize" : 12.0,

"default_fontface" : 0,

"default_fontname" : "Arial",

"gridonopen" : 0,

"gridsize" : [15.0, 15.0],

"gridsnaponopen" : 0,

"statusbarvisible" : 2,

"toolbarvisible" : 1,

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

{

"box" :

{

"fontname" : "Arial",

```

        "fontsize" : 12.0,
        "id" : "obj-71",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
        "text" : "+ 1."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-60",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
        }

},

{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-63",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "float" ],  
        "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],  
        "text" : "/ 1000."  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-64",  
        "maxclass" : "number",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
```

```
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-65",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
                "text" : "* 1000."
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-66",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 0,
```

```
        "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
        "text" : "print"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
            "maxclass" : "newobj",
```

```
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-69",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
```

```

        "fontsize" : 12.0,
        "id" : "obj-58",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
        "text" : "scale 0. 49. 0.5 1."
    }

}

,

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-56",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
            "text" : "split 71 127"
        }

}

,

{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-55",  
        "maxclass" : "number",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-48",  
        "maxclass" : "flonum",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "float", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]  
    }
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-43",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
                "text" : "/ 1000."
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-42",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,

```

```

        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-36",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-31",

```

```
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
        "text" : "print"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
```

```

        "fontsize" : 12.0,
        "id" : "obj-24",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

}

,

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-23",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
            "text" : "random 0"
        }

}

,

{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-22",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],  
        "text" : "t 1"  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-19",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "float" ],  
        "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],  
        "text" : "* 0."
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-17",
                "maxclass" : "newobj",
                "numinlets" : 6,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
                "text" : "scale 71. 127. 0. 0.5"
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-14",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,

```

```

        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
        "text" : "split 50 70"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
            "text" : "r duration"
        }
},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",

```

```

        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-73",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
        }
},
],
"lines" : [
    {
        "patchline" :
            {
                "destination" : [ "obj-14", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-11", 0 ]
            }
    }
]

```

```
    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-22", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-14", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-56", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-14", 1 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-36", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-17", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-55", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-19", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-22", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-30", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-23", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 1 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :
      {
        "destination" : [ "obj-43", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-30", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-31", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-36", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-42", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-36", 0 ]
      }
    }
  ]
}
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-24", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-42", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-71", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-43", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-19", 1 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-48", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-73", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-55", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-17", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-56", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-58", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-56", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-65", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-58", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-60", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-60", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-63", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-68", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-64", 0 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-64", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-65", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-66", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-65", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-63", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-67", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-69", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-68", 1 ]  
        }  
}
```

```
    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-69", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-68", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-67", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-69", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-48", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-71", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-72", 0 ]
            }
    }
]

},
{
    "patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" : "Arial",
```

```

        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p duration_drunk"
    }
    }
,
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
    }
    }
,
    "bo
    {
x" :
    "id" : "obj-47",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]

```

```

    }
  }
  ,
  x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-41",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
    "text" : "r play_time"
  }
}
,
x" :
  "id" : "obj-37",
  "maxclass" : "button",
  "numinlets" : 1,
  "numoutlets" : 1,
  "outlettype" : [ "bang" ],
  "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
}
}
,
x" :
  "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-34",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
    "text" : "set $1"
    }
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-32",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
    "text" : "match"
    }
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,

```

```

        "id" : "obj-21",

        "maxclass" : "newobj",

        "numinlets" : 2,

        "numoutlets" : 2,

        "outlettype" : [ "", "" ],

        "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],

        "text" : "zl reg"
    }

}

{
    "bo
{

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-20",

        "maxclass" : "newobj",

        "numinlets" : 1,

        "numoutlets" : 3,

        "outlettype" : [ "int", "int", "int" ],

        "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],

        "text" : "unpack 0 0 0"
    }

}

{
    "bo
{

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-18",

```

```

    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-35",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
    "text" : "$1 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-29",
    "maxclass" : "newobj",

```

```

    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int", "int" ],
    "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
    "text" : "unpack 0 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-28",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-27",
    "maxclass" : "newobj",
    "numinlets" : 1,

```

```

    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
  }
},
{
  "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-26",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
    "text" : "delay"
  }
},
{
  "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-16",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,

```

```

        "outlettype" : [ "" ],
        "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
        "text" : "sprintf 144\\, %ld\\, %ld"
    }
},
{
    "bo
x" :
    {
        "comment" : "",
        "id" : "obj-61",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
},
{
    "bo
x" :
    {
        "comment" : "",
        "id" : "obj-62",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
},
    ],
    "lines" : [
        {

```

```

"pa
tchline" :
{
  "destination" : [ "obj-16", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-109", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-35", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-109", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-62", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-16", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-21", 1 ],

```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 1 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-34", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-109", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,

```

```

    "source" : [ "obj-20", 1 ]
    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-74", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 2 ]
    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-20", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-21", 0 ]
    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-28", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-26", 0 ]
    }
  }
  ,
  {

```

```

"pa
tchline" :
{
  "destination" : [ "obj-26", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
  "source" : [ "obj-27", 1 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-26", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
  "source" : [ "obj-27", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-29", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-28", 0 ]
}
},
{
  "pa

```

```
tchline" :
{
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-16", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-47", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-37", 0 ],
```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-32", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-35", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-37", 0 ]
    }
}

```

```

    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-41", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-52", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-47", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-18", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-61", 0 ]
  }
}
,
{
  "pa
```

```

tchline" :
{
    "destination" : [ "obj-27", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-74", 0 ]
}

]
,
[ 172.0, 288.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

,

,

{
    "box" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-71",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "patching_rect" :
            "saved_object_attribute
            {
                "default_fontface
                "default_fontnam
                "default_fontsize
                "description" : "",
                "digest" : "",
                "fontface" : 0,
                "fontname" :
                "fontsize" : 12.0,
                "globalpatcherna
                "tags" : ""
            }
            "text" : "p play"
        }
    }
}

```

```
6,  
1,  
: 8,  
ure" : "x86"  
,  
94.0, 952.0, 760.0 ],  
  
ion" : 0,  
" : 12.0,  
" : 0,  
e" : "Arial",  
  
[ 15.0, 15.0 ],  
" : 0,  
: 2,  
1,  
" : 200,  
  
1,  
1,  
0.0,
```

```
{
```

```
"outlettype" : [ "" ],  
"patcher" :  
  
    "fileversion" : 1,  
    "appversion" :  
    {  
        "major" :  
  
        "minor" :  
  
        "revision"  
  
        "architect  
  
    }  
  
    "rect" : [ 54.0,  
  
    "bglocked" : 0,  
    "openinpresentat  
  
    "default_fontsize  
  
    "default_fontface  
  
    "default_fontnam  
  
    "gridonopen" : 0,  
    "gridsize" :  
  
    "gridsnaponopen  
  
    "statusbarvisible"  
  
    "toolbarvisible" :  
  
    "boxanimatetime  
  
    "imprint" : 0,  
    "enablehscroll" :  
  
    "enablevscroll" :  
  
    "devicewidth" :  
  
    "description" : "",  
    "digest" : "",  
    "tags" : "",  
    "boxes" : [  
    {
```

x" :

"bo
{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-109",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patcher" :

{

"fileversion" : 1,

"appversion" :

{

"major" : 6,

"minor" : 1,

"revision" : 8,

"architecture" : "x86"

}

,

"rect" : [0.0, 0.0, 640.0, 480.0],

"bglocked" : 0,

"openinpresentation" : 0,

"default_fontsize" : 12.0,

"default_fontface" : 0,

"default_fontname" : "Arial",

"gridonopen" : 0,

```

"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
        {
            "id" : "obj-106",
            "maxclass" : "button",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "bang" ],
            "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
        }
    },
    {
        "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-100",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-97",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "bang", "int" ],
                "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
                "text" : "t b i"
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-95",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
        "text" : "random"
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-92",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
```

```

        "parameter_enable" : 0,
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
            "text" : "+"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",
            "maxclass" : "newobj",

```

```
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "bang" ],  
        "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],  
        "text" : "t i b"  
    }  
}  
,  
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-88",  
            "maxclass" : "newobj",  
            "numinlets" : 2,  
            "numoutlets" : 1,  
            "outlettype" : [ "int" ],  
            "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],  
            "text" : "+ 1"  
        }  
}  
,  
{  
    "box" :  
        {  
            "id" : "obj-87",
```

```

        "maxclass" : "toggle",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-83",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 2,
            "outlettype" : [ "", "" ],
            "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
            "text" : "gate 2 1"
        }
},
{
    "box" :
        {

```

```
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-82",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
        "text" : "-"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-80",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
            "text" : "decide"
        }
}
```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-79",

"maxclass" : "newobj",

"numinlets" : 6,

"numoutlets" : 1,

"outlettype" : [""],

"patching_rect" : [143.0, 163.0, 105.0, 20.0],

"text" : "scale 50 127 1 12"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-78",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [72.0, 198.0, 24.0, 20.0],

```

        "text" : "t 0"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-76",
        "maxclass" : "newobj",
        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
        "text" : "split 0 49"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-12",
        "maxclass" : "newobj",
        "numinlets" : 0,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
        "text" : "r pitch"
    }

},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
        }

},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-108",
            "maxclass" : "outlet",
            "numinlets" : 1,

```

```

        "numoutlets" : 0,
        "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
    }
},
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-97", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-100", 0 ]
                }
        }
    ],
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-106", 0 ]
            }
    }
],
    {
        "patchline" :

```

```
        {  
            "destination" : [ "obj-83", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-107", 0 ]  
        }  
    },
```

```
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-76", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-12", 0 ]  
            }  
    }  
    ,
```

```
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-78", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-76", 0 ]  
            }  
    }  
}
```

,

```
{  
  "patchline" :  
    {  
      "destination" : [ "obj-79", 0 ],  
      "disabled" : 0,  
      "hidden" : 0,  
      "source" : [ "obj-76", 1 ]  
    }  
}
```

,

```
{  
  "patchline" :  
    {  
      "destination" : [ "obj-90", 1 ],  
      "disabled" : 0,  
      "hidden" : 0,  
      "source" : [ "obj-78", 0 ]  
    }  
}
```

,

```
{  
  "patchline" :  
    {  
      "destination" : [ "obj-100", 0 ],  
      "disabled" : 0,  
      "hidden" : 0,  
      "source" : [ "obj-79", 0 ]  
    }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-87", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-80", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-92", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-82", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-82", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-83", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-88", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-87", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-83", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-88", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-80", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 1 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :
      {
        "destination" : [ "obj-90", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-92", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-90", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-108", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-92", 0 ]
      }
    }
  ]
}
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-89", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-95", 0 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-95", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-97", 1 ]
      }
  }
},
{
  "patchline" :
    {
      "destination" : [ "obj-95", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```

        "source" : [ "obj-97", 0 ]
    }

}

]

}

,

"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],

"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,

"text" : "p pitch drunk"
    }

}

{

"bo
{

x" :

"fontname" : "Arial",

"fontsize" : 12.0,

```

```
"id" : "obj-74",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : [ "int" ],

"patcher" :
    {
        "fileversion" : 1,
        "appversion" :
            {
                "major" : 6,
                "minor" : 1,
                "revision" : 8,
                "architecture" : "x86"
            }
    },

    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],

    "bglocked" : 0,

    "openinpresentation" : 0,

    "default_fontsize" : 12.0,

    "default_fontface" : 0,

    "default_fontname" : "Arial",

    "gridonopen" : 0,

    "gridsize" : [ 15.0, 15.0 ],

    "gridsnaponopen" : 0,

    "statusbarvisible" : 2,
```

```

"toolbarvisible" : 1,

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "fontname" : "Arial",

                "fontsize" : 12.0,

                "id" : "obj-71",

                "maxclass" : "newobj",

                "numinlets" : 2,

                "numoutlets" : 1,

                "outlettype" : [ "float" ],

                "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],

                "text" : "+ 1."

            }

    }

,

    {

        "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-60",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-63",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
                "text" : "/ 1000."
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-64",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-65",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
```

```
        "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-66",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
            "text" : "print"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",
            "numinlets" : 1,
```

```
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
```

```

        "id" : "obj-69",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-58",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
            "text" : "scale 0. 49. 0.5 1."
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-56",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
            "text" : "split 71 127"
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-55",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-48",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-43",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
```

```

        "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
        "text" : "/ 1000."
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-42",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-36",
                "maxclass" : "newobj",

```

```

        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-31",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
            "text" : "print"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-30",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-23",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
            "text" : "random 0"
        }

    }
,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-22",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
                "text" : "t 1"
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-19",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
        "text" : "* 0."
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-17",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
```

```
        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
        "text" : "scale 71. 127. 0. 0.5"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-14",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
            "text" : "split 50 70"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",
            "maxclass" : "newobj",
```

```
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
        "text" : "r duration"
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
        }
},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-73",
            "maxclass" : "outlet",
```

```

        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
    }
},
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-11", 0 ]
                }
        }
    ],
    {
        "patchline" :
            {
                "destination" : [ "obj-22", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 0 ]
            }
    }
],
    {

```

```
      "patchline" :  
          {  
              "destination" : [ "obj-56", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-14", 1 ]  
          }  
    }  
  ,  
  {  
      "patchline" :  
          {  
              "destination" : [ "obj-36", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-17", 0 ]  
          }  
    }  
  ,  
  {  
      "patchline" :  
          {  
              "destination" : [ "obj-55", 0 ],  
              "disabled" : 0,  
              "hidden" : 0,  
              "source" : [ "obj-19", 0 ]  
          }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-19", 1 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-22", 0 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-30", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-23", 0 ]
      }
  }
],
{
  "patchline" :
```

```
    {
      "destination" : [ "obj-30", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-23", 0 ]
    }
  }
],
{
  "patchline" :
```

```
    {
      "destination" : [ "obj-23", 1 ],
      "disabled" : 0,
      "hidden" : 0,

```

```
        "source" : [ "obj-24", 1 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-23", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-24", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-43", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-30", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-31", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-36", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-42", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-36", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-24", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-42", 0 ]
        }
},
{
    "patchline" :
```

```
        {  
            "destination" : [ "obj-71", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-43", 0 ]  
        }  
    },  
    {
```

```
        "patchline" :  
        {  
            "destination" : [ "obj-19", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-48", 0 ]  
        }  
    }  
    ,  
    {
```

```
        "patchline" :  
        {  
            "destination" : [ "obj-73", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-55", 0 ]  
        }  
    }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-17", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-56", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-58", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-56", 1 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-65", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-58", 0 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-19", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-60", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-60", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-63", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-68", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-64", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-64", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-66", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-63", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-67", 0 ]
    }
```

```
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 1 ]
            }
    }
```

```
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 0 ]
            }
    }
```

```
    },
    {
```

```
      "patchline" :
      {
        "destination" : [ "obj-67", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-69", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-48", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-71", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-19", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-72", 0 ]
      }
    }
  ]
}
```

```

    }
]

}

,

"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],

"saved_object_attributes" :
{
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "default_fontsize" : 12.0,
    "description" : "",
    "digest" : "",
    "fontface" : 0,
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "globalpatchername" : "",
    "tags" : ""
}

,

"text" : "p duration_drunk"

}

}

{

"bo
{

x" :

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-52",

"maxclass" : "newobj",

```

```

    "numinlets" : 1,

    "numoutlets" : 0,

    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],

    "text" : "s next_note"
    }
  }
  {
    "bo
  {
    "id" : "obj-47",

    "maxclass" : "button",

    "numinlets" : 1,

    "numoutlets" : 1,

    "outlettype" : [ "bang" ],

    "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
  }
  {
    "bo
  {
    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-41",

    "maxclass" : "newobj",

    "numinlets" : 0,

    "numoutlets" : 1,

    "outlettype" : [ "" ],

    "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],

    "text" : "r play_time"
  }
}

```

```

    }
  }
  ,
  {
    "bo
    {
      "id" : "obj-37",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
  }
  ,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-34",
      "maxclass" : "message",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
      "text" : "set $1"
    }
  }
  ,
  {
    "bo
    {
      "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-32",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
    "text" : "match"
    }
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
    "text" : "zl reg"
    }
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,

```

```

        "id" : "obj-20",

        "maxclass" : "newobj",

        "numinlets" : 1,

        "numoutlets" : 3,

        "outlettype" : [ "int", "int", "int" ],

        "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],

        "text" : "unpack 0 0 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-18",

        "maxclass" : "newobj",

        "numinlets" : 2,

        "numoutlets" : 2,

        "outlettype" : [ "", "" ],

        "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],

        "text" : "zl slice 1"
    }
},
{
    "bo
    {
        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-35",

```

```

    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
    "text" : "$1 0"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-29",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 2,
      "outlettype" : [ "int", "int" ],
      "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
      "text" : "unpack 0 0"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-28",
      "maxclass" : "newobj",

```

```

    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-27",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-26",
    "maxclass" : "newobj",
    "numinlets" : 2,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
        "text" : "delay"
    }
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-16",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
    "text" : "sprintf 144\\, %ld\\, %ld"
}
},
{
    "bo
{
    "comment" : "",
    "id" : "obj-61",
    "maxclass" : "inlet",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],

```

```

        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
}
,
    {
        "bo
    {
        "comment" : "",
        "id" : "obj-62",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
}
],
    {
        "lines" : [
            {
                "pa
            }
        ]
    },
    {
        "pa
    {
        "tchline" :
        {
            "destination" : [ "obj-16", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-109", 0 ]
        }
    },
    {
        "pa
    {
        "tchline" :
        {
            "destination" : [ "obj-35", 0 ],
            "disabled" : 0,
            "hidden" : 0,

```

```

        "source" : [ "obj-109", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-62", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-16", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 1 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-34", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 0 ]
    }
}
}

```

```
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-109", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 0 ]
}
}
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 1 ]
}
}
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-74", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 2 ]
}
}
,
{
    "pa
tchline" :
{
```

```

        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
        "source" : [ "obj-27", 1 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,

```

```

        "hidden" : 0,

        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],

        "source" : [ "obj-27", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-29", 0 ],

        "disabled" : 0,

        "hidden" : 0,

        "source" : [ "obj-28", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],

        "disabled" : 0,

        "hidden" : 0,

        "source" : [ "obj-29", 1 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],

        "disabled" : 0,

        "hidden" : 0,

```

```

    "source" : [ "obj-29", 0 ]
    }
  }
  ,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-47", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-29", 1 ]
    }
  }
  ,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-37", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-32", 0 ]
    }
  }
  ,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-32", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-34", 0 ]
    }
  }
  ,
  {

```

```

tchline" :
{
    "destination" : [ "obj-28", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-35", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-37", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-41", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-52", 0 ],

```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-18", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-61", 0 ]
}
}
{
    "pa
tchline" :
{
    "destination" : [ "obj-27", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-74", 0 ]
}
}
}
]
,
[ 157.0, 273.0, 43.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
"patching_rect" :
"saved_object_attribute
{
    "default_fontface
    "default_fontnam

```

```

" : 12.0,
"Arial",
me" : "",
,
,
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-65",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
            {
                "major" :
                "minor" :
                "revision"
                "architect
            }
            "rect" : [ 54.0,
            "bglocked" : 0,
            "openinpresentat
            "default_fontsize
            "default_fontface

```

" : 0,

e" : "Arial",

[15.0, 15.0],

" : 0,

: 2,

1,

" : 200,

1,

1,

0.0,

x" :

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-109",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patcher" :

{

"fileversion" : 1,

"appversion" :

{

"default_fontnam

"gridonopen" : 0,
"gridsize" :

"gridsnaponopen

"statusbarvisible"

"toolbarvisible" :

"boxanimatetime

"imprint" : 0,
"enablehscroll" :

"enablevscroll" :

"devicewidth" :

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

{

"bo

{

```
        "major" : 6,  
        "minor" : 1,  
        "revision" : 8,  
        "architecture" : "x86"  
    }  
    ,  
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],  
    "bglocked" : 0,  
    "openinpresentation" : 0,  
    "default_fontsize" : 12.0,  
    "default_fontface" : 0,  
    "default_fontname" : "Arial",  
    "gridonopen" : 0,  
    "gridsize" : [ 15.0, 15.0 ],  
    "gridsnaponopen" : 0,  
    "statusbarvisible" : 2,  
    "toolbarvisible" : 1,  
    "boxanimatetime" : 200,  
    "imprint" : 0,  
    "enablehscroll" : 1,  
    "enablevscroll" : 1,  
    "devicewidth" : 0.0,  
    "description" : "",  
    "digest" : "",  
    "tags" : "",
```

```
"boxes" : [
    {
        "box" :
        {
            "id" : "obj-106",
            "maxclass" : "button",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "bang" ],
            "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
        }
    },
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-100",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
        }
    }
]
```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-97",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["bang", "int"],

"patching_rect" : [171.0, 212.0, 32.5, 20.0],

"text" : "t b i"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-95",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [224.0, 216.0, 51.0, 20.0],

```

        "text" : "random"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-92",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-90",
        "maxclass" : "newobj",
        "numinlets" : 2,

```

```
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
        "text" : "+"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
            "text" : "t i b"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
```

```

        "id" : "obj-88",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
        "text" : "+ 1"
    }

},
{
    "box" :
        {
            "id" : "obj-87",
            "maxclass" : "toggle",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-83",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
        "text" : "gate 2 1"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-82",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
        "text" : "-"
    }
},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-80",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],  
        "text" : "decide"  
    }  
}
```

,

```
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-79",  
            "maxclass" : "newobj",  
            "numinlets" : 6,  
            "numoutlets" : 1,  
            "outlettype" : [ "" ],  
            "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],  
            "text" : "scale 50 127 1 12"  
        }  
}
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-78",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
                "text" : "t 0"
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-76",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,

```

```

        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
        "text" : "split 0 49"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-12",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
            "text" : "r pitch"
        }
},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",

```

```

        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-108",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
        }
},
],
"lines" : [
    {
        "patchline" :
            {
                "destination" : [ "obj-97", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-100", 0 ]
            }
    }
]

```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-100", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-106", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-83", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-107", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-76", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-12", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-78", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-76", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-79", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-76", 1 ]
        }
},
{
    "patchline" :
        {
```

```
        "destination" : [ "obj-90", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-78", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-100", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-79", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-87", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-80", 0 ]
        }
},
{
```

```
      "patchline" :
      {
        "destination" : [ "obj-92", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-82", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-82", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-83", 1 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-90", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-83", 0 ]
      }
    }
  ]
}
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-88", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-87", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-83", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-88", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-80", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-89", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-90", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-108", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-92", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-89", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-95", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

        {
            "destination" : [ "obj-95", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-97", 1 ]
        }
    },
    {
        "patchline" :
        {
            "destination" : [ "obj-95", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-97", 0 ]
        }
    }
]
}
,
"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
"saved_object_attributes" :
{
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "default_fontsize" : 12.0,
    "description" : ""

```

```

        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p pitch drunk"
    }
    }
,
    {
        "bo
    {
x" :

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-74",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patcher" :
        {
            "fileversion" : 1,
            "appversion" :

            {
                "major" : 6,
                "minor" : 1,
                "revision" : 8,

```

```
        "architecture" : "x86"
    }
,
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
    "bglocked" : 0,
    "openinpresentation" : 0,
    "default_fontsize" : 12.0,
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "gridonopen" : 0,
    "gridsize" : [ 15.0, 15.0 ],
    "gridsnaponopen" : 0,
    "statusbarvisible" : 2,
    "toolbarvisible" : 1,
    "boxanimatetime" : 200,
    "imprint" : 0,
    "enablehscroll" : 1,
    "enablevscroll" : 1,
    "devicewidth" : 0.0,
    "description" : "",
    "digest" : "",
    "tags" : "",
    "boxes" : [
        {
            "box" :
            {
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-71",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
        "text" : "+ 1."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-60",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-63",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["float"],

"patching_rect" : [408.0, 438.0, 47.0, 20.0],

"text" : "/ 1000."

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-64",

"maxclass" : "number",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"parameter_enable" : 0,

```
        "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-65",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-66",
            "maxclass" : "newobj",
            "numinlets" : 1,
```

```
        "numoutlets" : 0,
        "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
        "text" : "print"
    }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
```

```

        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-69",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-58",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
        "text" : "scale 0. 49. 0.5 1."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-56",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
            "text" : "split 71 127"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-55",

"maxclass" : "number",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"parameter_enable" : 0,

"patching_rect" : [50.0, 383.0, 50.0, 20.0]

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-48",

"maxclass" : "flonum",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["float", "bang"],

"parameter_enable" : 0,

```
        "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-43",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
            "text" : "/" 1000."
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-42",
            "maxclass" : "number",
            "numinlets" : 1,
```

```

        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-36",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-31",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
        "text" : "print"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
        }

},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-24",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-23",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-22",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [118.0, 211.0, 24.0, 20.0],

"text" : "t 1"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-19",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["float"],

"patching_rect" : [78.5, 337.0, 32.5, 20.0],

```

        "text" : "* 0."
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-17",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
        "text" : "scale 71. 127. 0. 0.5"
    }
},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-14",
        "maxclass" : "newobj",
        "numinlets" : 3,

```

```

        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
        "text" : "split 50 70"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
            "text" : "r duration"
        }
},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",

```

```

        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
    }

},
{
    "box" :
    {
        "comment" : "",
        "id" : "obj-73",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
    }
},
],
"lines" : [
    {
        "patchline" :
        {
            "destination" : [ "obj-14", 0 ],
            "disabled" : 0,
            "hidden" : 0,

```

```
        "source" : [ "obj-11", 0 ]
    }

},

{
    "patchline" :
        {
            "destination" : [ "obj-22", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-14", 0 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-56", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-14", 1 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-36", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-17", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-55", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-19", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-22", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```
        {  
            "destination" : [ "obj-30", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-23", 0 ]  
        }  
    },  
    {
```

```
        "patchline" :  
            {  
                "destination" : [ "obj-23", 1 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-24", 1 ]  
            }  
    }  
    ,  
    {
```

```
        "patchline" :  
            {  
                "destination" : [ "obj-23", 0 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-24", 0 ]  
            }  
    }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-43", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-30", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-31", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-36", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-42", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-36", 0 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-24", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-42", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-71", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-43", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-19", 1 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-48", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-73", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-55", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-17", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-56", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-58", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-56", 1 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-65", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-58", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-60", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
            "destination" : [ "obj-60", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-63", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-68", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-64", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-64", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-65", 0 ]  
          }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-66", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-65", 0 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-63", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-67", 0 ]
      }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-69", 1 ],
      "disabled" : 0,
      "hidden" : 0,

```

```
        "source" : [ "obj-68", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-69", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-68", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-67", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-69", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-48", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-71", 0 ]
    }

    }
,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-72", 0 ]
            }
    }
]
}
,
    "patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
    "saved_object_attributes" :
        {
            "default_fontface" : 0,
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p duration_drunk"
    }
    }
,
    {
        "bo
    {
x" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-52",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
        "text" : "s next_note"
    }
    }
,
    {
        "bo
    {
x" :
        "id" : "obj-47",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],

```

```

    "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
  }
,
  {
    "bo
x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-41",
      "maxclass" : "newobj",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
      "text" : "r play_time"
    }
  }
,
  {
    "bo
x" :
    {
      "id" : "obj-37",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
  }
,
  {
    "bo
x" :
    {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-34",
        "maxclass" : "message",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
        "text" : "set $1"
    }
},
{
    "bo
{
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-32",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
        "text" : "match"
    }
},
{
    "bo
{
        "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
    "text" : "zl reg"
    }
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-20",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
    }
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,

```

```

        "id" : "obj-18",

        "maxclass" : "newobj",

        "numinlets" : 2,

        "numoutlets" : 2,

        "outlettype" : [ "", "" ],

        "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],

        "text" : "zl slice 1"
    }

},
{
    "bo
    {

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-35",

        "maxclass" : "message",

        "numinlets" : 2,

        "numoutlets" : 1,

        "outlettype" : [ "" ],

        "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],

        "text" : "$1 0"
    }

},
{
    "bo
    {

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-29",

```

```

    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int", "int" ],
    "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
    "text" : "unpack 0 0"
  }
},
{
  "bo
  {
    x" :
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-28",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
      "text" : "zl reg"
    }
  }
},
{
  "bo
  {
    x" :
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-27",
      "maxclass" : "newobj",

```

```

    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-26",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
    "text" : "delay"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-16",
    "maxclass" : "newobj",
    "numinlets" : 2,

```

```

    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
    "text" : "sprintf 144\\, %ld\\, %ld"
    }
  }
  {
    "bo
    {
      "comment" : "",
      "id" : "obj-61",
      "maxclass" : "inlet",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
  }
  {
    "bo
    {
      "comment" : "",
      "id" : "obj-62",
      "maxclass" : "outlet",
      "numinlets" : 1,
      "numoutlets" : 0,
      "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
  }
],

```

```

"lines" : [
{
"pa
tchline" :
{
"destination" : [ "obj-16", 0 ],
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-109", 0 ]
}
}
,
{
"pa
tchline" :
{
"destination" : [ "obj-35", 0 ],
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-109", 0 ]
}
}
,
{
"pa
tchline" :
{
"destination" : [ "obj-62", 0 ],
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-16", 0 ]
}
}
,
{
"pa
tchline" :
{

```

```

        "destination" : [ "obj-21", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 1 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-34", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-109", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,

```

```
        "hidden" : 0,
        "source" : [ "obj-20", 1 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
}
,
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
}
```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
        "source" : [ "obj-27", 1 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-26", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
        "source" : [ "obj-27", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-29", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-28", 0 ]
    }
}
```

```
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-16", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
}
}
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-16", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 0 ]
}
}
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-47", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
}
}
,
{
    "pa
tchline" :
{
```

```
"destination" : [ "obj-37", 0 ],
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-32", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-35", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
```

```

        "source" : [ "obj-37", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-41", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-18", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-61", 0 ]
    }
}
}

```

```

,
    {
        "patching_rect" :
        [ 116.0, 288.0, 43.0, 20.0 ],
        "saved_object_attributes" :
        {
            "default_fontface" : "Arial",
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "globalpatchername" : "",
            "tags" : ""
        },
        "text" : "p play"
    },
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "newobj",
            "patching_rect" :
            [ 116.0, 288.0, 43.0, 20.0 ],
            "saved_object_attributes" :
            {
                "default_fontface" : "Arial",
                "default_fontname" : "Arial",
                "default_fontsize" : 12.0,
                "description" : "",
                "digest" : "",
                "fontface" : 0,
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "globalpatchername" : "",
                "tags" : ""
            },
            "text" : "p play"
        }
    }
}

```

	<pre> "numinlets" : 1, "numoutlets" : 1, "outlettype" : [""], "patcher" : { "fileversion" : 1, "appversion" : { "major" : "minor" : "revision" "architect } "rect" : [54.0, "bglocked" : 0, "openinpresentat "default_fontsize "default_fontface "default_fontnam "gridonopen" : 0, "gridsize" : "gridsnaponopen "statusbarvisible" "toolbarvisible" : "boxanimatetime "imprint" : 0, "enablehscroll" : "enablevscroll" : "devicewidth" : "description" : "", "digest" : "", "tags" : "", </pre>
<pre> 6, 1, : 8, ure" : "x86" , 94.0, 952.0, 760.0], ion" : 0, " : 12.0, " : 0, e" : "Arial", [15.0, 15.0], " : 0, : 2, 1, " : 200, 1, 1, 0.0, </pre>	

```

x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-109",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "int" ],
    "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
                {
                    "major" : 6,
                    "minor" : 1,
                    "revision" : 8,
                    "architecture" : "x86"
                }
        },
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
    "bglocked" : 0,
    "openinpresentation" : 0,
    "default_fontsize" : 12.0,
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "boxes" : [
        {
            "bo
        {

```

```
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
        {
            "id" : "obj-106",
            "maxclass" : "button",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "bang" ],
            "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
        }
    }
],
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-100",  
        "maxclass" : "number",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-97",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "bang", "int" ],  
        "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],  
        "text" : "t b i"
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-95",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
                "text" : "random"
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-92",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,

```

```

        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
            "text" : "+"
        }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",

```

```

        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
        "text" : "t i b"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-88",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
            "text" : "+ 1"
        }
},
{
    "box" :
        {

```

```

        "id" : "obj-87",
        "maxclass" : "toggle",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-83",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 2,
            "outlettype" : [ "", "" ],
            "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
            "text" : "gate 2 1"
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-82",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
            "text" : "-"
        }

    },
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-80",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],
            "text" : "decide"
        }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-79",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
        "text" : "scale 50 127 1 12"
      }
    }
  ],
  {
    "box" :
```

```
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-78",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "int" ],
```

```
        "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
        "text" : "t 0"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-76",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
            "text" : "split 0 49"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-12",
            "maxclass" : "newobj",
```

```
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
        "text" : "r pitch"
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
        }
},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-108",
            "maxclass" : "outlet",
```

```

        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
    }

},

    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-97", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-100", 0 ]
                }
        }
    ],
    {
        "patchline" :
            {
                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-106", 0 ]
            }
    }
],
    {

```

```
      "patchline" :  
        {  
          "destination" : [ "obj-83", 1 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-107", 0 ]  
        }  
    }  
    ,  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-76", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-12", 0 ]  
        }  
    }  
    ,  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-78", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-76", 0 ]  
        }  
    }
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-79", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-76", 1 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-90", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-78", 0 ]
      }
  }
},
{
  "patchline" :
    {
      "destination" : [ "obj-100", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```
        "source" : [ "obj-79", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-87", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-80", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-82", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-83", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-88", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-87", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-83", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-88", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-80", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 1 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-82", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-90", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-89", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-92", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-90", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-108", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-92", 0 ]  
        }  
}
```

```
    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-89", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-95", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-95", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-97", 1 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-95", 0 ],

                "disabled" : 0,
```

```

        "hidden" : 0,
        "source" : [ "obj-97", 0 ]
    }

    }

]

    }
,
    "patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
    "saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p pitch drunk"
    }

    }
{
    "bo
    {
x" :
    "fontname" : "Arial",

```

```
"fontsize" : 12.0,

"id" : "obj-74",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : [ "int" ],

"patcher" :
    {
        "fileversion" : 1,
        "appversion" :
            {
                "major" : 6,
                "minor" : 1,
                "revision" : 8,
                "architecture" : "x86"
            }
    },

    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],

    "bglocked" : 0,

    "openinpresentation" : 0,

    "default_fontsize" : 12.0,

    "default_fontface" : 0,

    "default_fontname" : "Arial",

    "gridonopen" : 0,

    "gridsize" : [ 15.0, 15.0 ],

    "gridsnaponopen" : 0,
```

```
"statusbarvisible" : 2,

"toolbarvisible" : 1,

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "fontname" : "Arial",

                "fontsize" : 12.0,

                "id" : "obj-71",

                "maxclass" : "newobj",

                "numinlets" : 2,

                "numoutlets" : 1,

                "outlettype" : [ "float" ],

                "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],

                "text" : "+ 1."

            }

    }

],

{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-60",  
        "maxclass" : "flonum",  
        "numinlets" : 1,  
        "numoutlets" : 2,  
        "outlettype" : [ "float", "bang" ],  
        "parameter_enable" : 0,  
        "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-63",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "float" ],  
        "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],  
        "text" : "/ 1000."
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-64",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-65",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "float" ],
        "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-66",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
            "text" : "print"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",

```

```

        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-69",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-58",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
        "text" : "scale 0. 49. 0.5 1."
    }

},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-56",  
        "maxclass" : "newobj",  
        "numinlets" : 3,  
        "numoutlets" : 2,  
        "outlettype" : [ "int", "int" ],  
        "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],  
        "text" : "split 71 127"  
    }  
}
```

,

```
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-55",  
            "maxclass" : "number",  
            "numinlets" : 1,  
            "numoutlets" : 2,  
            "outlettype" : [ "int", "bang" ],  
            "parameter_enable" : 0,  
            "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]  
        }  
}
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-48",
                "maxclass" : "flonum",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "float", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
            }
    }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-43",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "float" ],
        "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
        "text" : "/ 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-42",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
        }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-36",

```

```
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-31",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
            "text" : "print"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
```

```

        "fontsize" : 12.0,
        "id" : "obj-30",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-23",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],  
        "text" : "random 0"  
    }
```

```
}
```

```
,
```

```
{
```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-22",  
        "maxclass" : "newobj",  
        "numinlets" : 1,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],  
        "text" : "t 1"
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-19",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
                "text" : "* 0."
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-17",
                "maxclass" : "newobj",
                "numinlets" : 6,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "" ],
        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
        "text" : "scale 71. 127. 0. 0.5"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-14",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
            "text" : "split 50 70"
        }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",

```

```

        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
        "text" : "r duration"
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
        }
},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-73",

```

```

        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
    }

}

],

    "lines" : [

        {

            "patchline" :

                {

                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-11", 0 ]
                }

        }

    ],

    {

        "patchline" :

            {

                "destination" : [ "obj-22", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 0 ]
            }

    }

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-56", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-14", 1 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-36", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-17", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-55", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-19", 0 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-19", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-22", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-30", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-23", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-23", 1 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-24", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-43", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-30", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-31", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-36", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-42", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-36", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-24", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-42", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :  
          {  
            "destination" : [ "obj-71", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-43", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-19", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-48", 0 ]  
          }  
    },  
    {  
      "patchline" :  
          {  
            "destination" : [ "obj-73", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-55", 0 ]  
          }  
    }
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-17", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-56", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-58", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-56", 1 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-65", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-58", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-19", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-60", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-60", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-63", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-68", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-64", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-64", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-66", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

    {
      "destination" : [ "obj-63", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-67", 0 ]
    }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-69", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-68", 1 ]
      }
  }

```

```

  },
  {
    "patchline" :
      {
        "destination" : [ "obj-69", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-68", 0 ]
      }
  }

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-67", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-69", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-48", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-71", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-19", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-72", 0 ]  
        }  
}
```

```

        }

    }

]

}

,

"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],

"saved_object_attributes" :

    {

        "default_fontface" : 0,

        "default_fontname" : "Arial",

        "default_fontsize" : 12.0,

        "description" : "",

        "digest" : "",

        "fontface" : 0,

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "globalpatchername" : "",

        "tags" : ""

    }

,

    "text" : "p duration_drunk"

    }

}

{

,

    "bo

x" :

    {

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-52",

```

```

    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
    }
  }
,
  {
    "bo
    {
      "id" : "obj-47",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
  }
,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-41",
      "maxclass" : "newobj",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],

```

```

        "text" : "r play_time"
    }
},
{
    "bo
x" :
    {
        "id" : "obj-37",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
    }
},
{
    "bo
x" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-34",
        "maxclass" : "message",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
        "text" : "set $1"
    }
},
{
    "bo
x" :
    {

```

```

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-32",

        "maxclass" : "newobj",

        "numinlets" : 1,

        "numoutlets" : 1,

        "outlettype" : [ "" ],

        "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],

        "text" : "match"
    }
}

,
{
    "bo
{
    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-21",

    "maxclass" : "newobj",

    "numinlets" : 2,

    "numoutlets" : 2,

    "outlettype" : [ "", "" ],

    "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],

    "text" : "zl reg"
}
}

,
{
    "bo
{
    "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-20",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 3,
        "outlettype" : [ "int", "int", "int" ],
        "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
        "text" : "unpack 0 0 0"
    }
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-18",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
}
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,

```

```

        "id" : "obj-35",

        "maxclass" : "message",

        "numinlets" : 2,

        "numoutlets" : 1,

        "outlettype" : [ "" ],

        "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],

        "text" : "$1 0"
    }
},
{
    "bo
    {

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-29",

        "maxclass" : "newobj",

        "numinlets" : 1,

        "numoutlets" : 2,

        "outlettype" : [ "int", "int" ],

        "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],

        "text" : "unpack 0 0"
    }
},
{
    "bo
    {

        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-28",

```

```

    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],
    "text" : "zl reg"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-27",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-26",
    "maxclass" : "newobj",

```

```

    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
    "text" : "delay"
    }
  }
  ,
  "x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-16",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
    "text" : "sprintf 144\\, %ld\\, %ld"
    }
  }
  ,
  "x" :
    "comment" : "",
    "id" : "obj-61",
    "maxclass" : "inlet",
    "numinlets" : 0,
    "numoutlets" : 1,

```

```

        "outlettype" : [ "" ],
        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
}
{
    "bo
{
        "comment" : "",
        "id" : "obj-62",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
}
],
    "lines" : [
        {
            "pa
tchline" :
        {
            "destination" : [ "obj-16", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-109", 0 ]
        }
    }
},
    "pa
tchline" :
    {
        "destination" : [ "obj-35", 0 ],
        "disabled" : 0,

```

```

        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-62", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-16", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 1 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-34", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 0 ]
    }
}

```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-109", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 0 ]
    }
}
```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 1 ]
    }
}
```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
}
```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-109", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 0 ]
    }
}
```

```

{
  "destination" : [ "obj-20", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-21", 0 ]
}
},
{
  "pchline" :
  {
    "destination" : [ "obj-28", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-26", 0 ]
  }
},
{
  "pchline" :
  {
    "destination" : [ "obj-26", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
    "source" : [ "obj-27", 1 ]
  }
},
{
  "pchline" :
  {
    "destination" : [ "obj-26", 0 ],

```

```

    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
    "source" : [ "obj-27", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-29", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-28", 0 ]
        }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
        }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-29", 0 ]
    }
},
    {
        "pchline" : "pa",
        "tchline" :
        {
            "destination" : [ "obj-47", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-29", 1 ]
        }
    },
    {
        "pchline" : "pa",
        "tchline" :
        {
            "destination" : [ "obj-37", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-32", 0 ]
        }
    },
    {
        "pchline" : "pa",
        "tchline" :
        {
            "destination" : [ "obj-32", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-34", 0 ]
        }
    }
```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-28", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-35", 0 ]
    }
}
```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-37", 0 ]
    }
}
```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-41", 0 ]
    }
}
```

```
    },
    "tchline" :
    {

```

```

        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
}
,
    {
        "patching_rect" : [ 101.0, 273.0, 43.0, 20.0 ],
        "tchline" :
        {
            "destination" : [ "obj-18", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-61", 0 ]
        }
    },
    {
        "patching_rect" : [ 101.0, 273.0, 43.0, 20.0 ],
        "tchline" :
        {
            "destination" : [ "obj-27", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-74", 0 ]
        }
    }
]
,
    {
        "patching_rect" : [ 101.0, 273.0, 43.0, 20.0 ],
        "saved_object_attribute" :
        {
            "default_fontface" : 0,

```

```

e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

,

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-64",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
            {
                "major" :

                "minor" :

                "revision"

                "architect

            }
            "rect" : [ 54.0,

            "bglocked" : 0,
            "openinpresentat

            "default_fontsize

```

```
" : 12.0,  
" : 0,  
e" : "Arial",  
  
[ 15.0, 15.0 ],  
" : 0,  
: 2,  
1,  
" : 200,  
  
1,  
1,  
0.0,
```

```
x" :
```

```
  "fontname" : "Arial",  
  "fontsize" : 12.0,  
  "id" : "obj-109",  
  "maxclass" : "newobj",  
  "numinlets" : 1,  
  "numoutlets" : 1,  
  "outlettype" : [ "int" ],  
  "patcher" :  
    {  
      "fileversion" : 1,
```

```
"default_fontface  
"default_fontnam  
"gridonopen" : 0,  
"gridsize" :  
"gridsnaponopen  
"statusbarvisible"  
"toolbarvisible" :  
"boxanimatetime  
"imprint" : 0,  
"enablehscroll" :  
"enablevscroll" :  
"devicewidth" :  
"description" : "",  
"digest" : "",  
"tags" : "",  
"boxes" : [  
  {  
    "bo  
  {
```

```
"appversion" :  
    {  
        "major" : 6,  
        "minor" : 1,  
        "revision" : 8,  
        "architecture" : "x86"  
    }
```

,

```
"rect" : [ 0.0, 0.0, 640.0, 480.0 ],  
"bglocked" : 0,  
"openinpresentation" : 0,  
"default_fontsize" : 12.0,  
"default_fontface" : 0,  
"default_fontname" : "Arial",  
"gridonopen" : 0,  
"gridsize" : [ 15.0, 15.0 ],  
"gridsnaponopen" : 0,  
"statusbarvisible" : 2,  
"toolbarvisible" : 1,  
"boxanimatetime" : 200,  
"imprint" : 0,  
"enablehscroll" : 1,  
"enablevscroll" : 1,  
"devicewidth" : 0.0,  
"description" : "",  
"digest" : "",
```

```

"tags" : "",
"boxes" : [
    {
        "box" :
            {
                "id" : "obj-106",
                "maxclass" : "button",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "bang" ],
                "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
            }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-100",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 171.0, 192.0, 50.0, 20.0 ]
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-97",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 171.0, 212.0, 32.5, 20.0 ],
        "text" : "t b i"
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-95",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
```

```
        "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
        "text" : "random"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-92",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",
            "maxclass" : "newobj",
```

```

        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
        "text" : "+"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-89",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
            "text" : "t i b"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-88",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
        "text" : "+ 1"
    }

},

{
    "box" :
        {
            "id" : "obj-87",
            "maxclass" : "toggle",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
        }

},

{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-83",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
        "text" : "gate 2 1"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-82",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],
            "text" : "-"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-80",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [213.0, 264.0, 46.0, 20.0],

"text" : "decide"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-79",

"maxclass" : "newobj",

"numinlets" : 6,

"numoutlets" : 1,

"outlettype" : [""],

"patching_rect" : [143.0, 163.0, 105.0, 20.0],

```

        "text" : "scale 50 127 1 12"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-78",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
        "text" : "t 0"
    }
},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-76",
        "maxclass" : "newobj",
        "numinlets" : 3,

```

```

        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
        "text" : "split 0 49"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-12",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
            "text" : "r pitch"
        }
},

{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",

```

```

        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
    }

},
{
    "box" :
    {
        "comment" : "",
        "id" : "obj-108",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
    }
},
],
"lines" : [
    {
        "patchline" :
        {
            "destination" : [ "obj-97", 0 ],
            "disabled" : 0,
            "hidden" : 0,

```

```
        "source" : [ "obj-100", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-100", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-106", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-83", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-107", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-76", 0 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-12", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-78", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-76", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-79", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-76", 1 ]
            }
    }

    },
    {
        "patchline" :
```

```

{
  "destination" : [ "obj-90", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-78", 0 ]
}

,
{
  "patchline" :
  {
    "destination" : [ "obj-100", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-79", 0 ]
  }
}

,
{
  "patchline" :
  {
    "destination" : [ "obj-87", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-80", 0 ]
  }
}
}
```

```
,
{
    "patchline" :
        {
            "destination" : [ "obj-92", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-82", 0 ]
        }
}
```

```
,
{
    "patchline" :
        {
            "destination" : [ "obj-82", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-83", 1 ]
        }
}
```

```
,
{
    "patchline" :
        {
            "destination" : [ "obj-90", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-83", 0 ]
        }
}
```

```
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-88", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-87", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-83", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-88", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-80", 0 ],
                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-89", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-82", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-89", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-92", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-90", 0 ]
    }

},

{
    "patchline" :
        {
            "destination" : [ "obj-108", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-92", 0 ]
        }
},

{
    "patchline" :
        {
            "destination" : [ "obj-89", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-95", 0 ]
        }
},

{
```

```

        "patchline" :
            {
                "destination" : [ "obj-95", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 1 ]
            }
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-95", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-97", 0 ]
            }
    }
]

},

"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,

```

```

        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p pitch drunk"
    }
    }
,
    "bo
    {
x" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-74",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
            {
                "major" : 6,
                "minor" : 1,

```

```
        "revision" : 8,
        "architecture" : "x86"
    },
    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
    "bglocked" : 0,
    "openinpresentation" : 0,
    "default_fontsize" : 12.0,
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "gridonopen" : 0,
    "gridsize" : [ 15.0, 15.0 ],
    "gridsnaponopen" : 0,
    "statusbarvisible" : 2,
    "toolbarvisible" : 1,
    "boxanimatetime" : 200,
    "imprint" : 0,
    "enablehscroll" : 1,
    "enablevscroll" : 1,
    "devicewidth" : 0.0,
    "description" : "",
    "digest" : "",
    "tags" : "",
    "boxes" : [
        {
            "box" :
```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-71",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],
            "text" : "+ 1."
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-60",
                "maxclass" : "flonum",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "float", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 408.0, 466.0, 50.0, 20.0 ]
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-63",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 408.0, 438.0, 47.0, 20.0 ],
        "text" : "/ 1000."
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-64",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
```

```
        "parameter_enable" : 0,
        "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-65",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
                "text" : "* 1000."
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-66",
                "maxclass" : "newobj",
```

```

        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
        "text" : "print"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-68",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "bang", "int" ],
        "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
        "text" : "t b i"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-69",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
            "text" : "random 0"
        }
},
{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-58",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
            "text" : "scale 0. 49. 0.5 1."
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-56",
                "maxclass" : "newobj",
                "numinlets" : 3,
                "numoutlets" : 2,
                "outlettype" : [ "int", "int" ],
                "patching_rect" : [ 247.0, 189.0, 72.0, 20.0 ],
                "text" : "split 71 127"
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-55",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-48",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
```

```

        "parameter_enable" : 0,
        "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-43",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
                "text" : "/ 1000."
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-42",
                "maxclass" : "number",

```

```

        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-36",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "float" ],
            "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
            "text" : "* 1000."
        }
},

{
    "box" :
        {
            "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-31",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
        "text" : "print"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-30",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
        }
},

{
    "box" :

```

```

        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
            "text" : "t b i"
        }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-23",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" : [ 201.0, 326.0, 61.0, 20.0 ],
                "text" : "random 0"
            }
    }

```

```
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-22",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 118.0, 211.0, 24.0, 20.0 ],
        "text" : "t 1"
      }
    },
    {
      "box" :
      {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-19",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
```

```

        "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
        "text" : "* 0."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-17",
            "maxclass" : "newobj",
            "numinlets" : 6,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
            "text" : "scale 71. 127. 0. 0.5"
        }
},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-14",
            "maxclass" : "newobj",

```

```

        "numinlets" : 3,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
        "text" : "split 50 70"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-11",
            "maxclass" : "newobj",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
            "text" : "r duration"
        }
},
{
    "box" :
        {
            "comment" : "",

```

```

        "id" : "obj-72",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-73",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
        }
},
    ],
    "lines" : [
        {
            "patchline" :
                {
                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,

```

```
        "hidden" : 0,
        "source" : [ "obj-11", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-22", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-56", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 1 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-36", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-17", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-55", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-19", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-22", 0 ]
            }
    }

```

```
    ,
    {

```

```
    "patchline" :  
        {  
            "destination" : [ "obj-30", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-23", 0 ]  
        }  
    }  
,  
    {  
        "patchline" :  
            {  
                "destination" : [ "obj-23", 1 ],  
                "disabled" : 0,  
                "hidden" : 0,  
                "source" : [ "obj-24", 1 ]  
            }  
        }  
,  
        {  
            "patchline" :  
                {  
                    "destination" : [ "obj-23", 0 ],  
                    "disabled" : 0,  
                    "hidden" : 0,  
                    "source" : [ "obj-24", 0 ]  
                }  
            }
```

```
    },  
    {  
      "patchline" :  
        {  
          "destination" : [ "obj-43", 0 ],  
          "disabled" : 0,  
          "hidden" : 0,  
          "source" : [ "obj-30", 0 ]  
        }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-31", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,  
        "source" : [ "obj-36", 0 ]  
      }  
    }  
  },  
  {  
    "patchline" :  
      {  
        "destination" : [ "obj-42", 0 ],  
        "disabled" : 0,  
        "hidden" : 0,
```

```
        "source" : [ "obj-36", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-24", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-42", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-71", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-43", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-19", 1 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-48", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-73", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-55", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-17", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-56", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

{
  "destination" : [ "obj-58", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-56", 1 ]
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-65", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-58", 0 ]
  }
}

```

```

},
{
  "patchline" :
  {
    "destination" : [ "obj-19", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-60", 0 ]
  }
}

```

```

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-60", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-63", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-68", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-64", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-64", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-65", 0 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-66", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-65", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-63", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-67", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-69", 1 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-68", 1 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-69", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-68", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-67", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-69", 0 ]
        }
},
{
    "patchline" :
        {
```

```

        "destination" : [ "obj-48", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-71", 0 ]
    }

    }
,
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-72", 0 ]
            }
    }
]
}
,
"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : ""
    }

```

```

        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p duration_drunk"
    }
    }
,
    "bo
    {
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-52",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],
    "text" : "s next_note"
    }
    }
,
    "bo
    {
x" :
    "id" : "obj-47",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,

```

```

    "outlettype" : [ "bang" ],
    "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-41",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
    "text" : "r play_time"
  }
},
{
  "bo
  {
    "id" : "obj-37",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
  }
},
{

```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-34",
      "maxclass" : "message",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
      "text" : "set $1"
}
```

```
, {
```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-32",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
      "text" : "match"
}
```

```
, {
```

```
x" : {"bo
{
```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-21",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
        "text" : "zl reg"
    }
}
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-20",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
}
}
,
x" :
    "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-18",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-35",
        "maxclass" : "message",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
        "text" : "$1 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,

```

```

        "id" : "obj-29",

        "maxclass" : "newobj",

        "numinlets" : 1,

        "numoutlets" : 2,

        "outlettype" : [ "int", "int" ],

        "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],

        "text" : "unpack 0 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-28",

        "maxclass" : "newobj",

        "numinlets" : 2,

        "numoutlets" : 2,

        "outlettype" : [ "", "" ],

        "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],

        "text" : "zl reg"
    }
},
{
    "bo
    {
        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-27",

```

```

    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "bang", "int" ],
    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],
    "text" : "t b i"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-26",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
    "text" : "delay"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-16",
    "maxclass" : "newobj",

```

```

    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
    "text" : "sprintf 144\\, %ld\\, %ld"
  }
},
{
  "bo
  {
    "comment" : "",
    "id" : "obj-61",
    "maxclass" : "inlet",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
  }
},
{
  "bo
  {
    "comment" : "",
    "id" : "obj-62",
    "maxclass" : "outlet",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
  }
}

```

```

    },
    "lines" : [
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-35", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
    }
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-62", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-16", 0 ]
    }
    }
    {
        "pa

```

```
tchline" :
{
  "destination" : [ "obj-21", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-18", 1 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-34", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-18", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-109", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-20", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-16", 1 ],
```

```

    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-20", 1 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-20", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-28", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
    }
```

```

    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-26", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
    "source" : [ "obj-27", 1 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-26", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
    "source" : [ "obj-27", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-29", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-28", 0 ]
  }
}

```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
},
{
    "pa
```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-16", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 0 ]
    }
},
{
    "pa
```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-47", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
},
{
    "pa
```

```
    },
    "tchline" :
```

```
{
  "destination" : [ "obj-37", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-32", 0 ]
},
{
  "pa
tchline" :
  {
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-34", 0 ]
  },
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-28", 1 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-35", 0 ]
    },
    {
      "pa
tchline" :
      {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
```

```

        "hidden" : 0,
        "source" : [ "obj-37", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-32", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-41", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-52", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-47", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-18", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-61", 0 ]
    }
}

```

```

    },
    "patching_rect" : [ 65.0,
    288.0, 43.0, 20.0 ],
    "saved_object_attribute" :
    {
        "default_fontface" : "Arial",
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    },
    "text" : "p play"
},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
    }
}

```

6,
1,
: 8,
ure" : "x86"
,
94.0, 952.0, 760.0],

ion" : 0,
" : 12.0,
" : 0,
e" : "Arial",

[15.0, 15.0],
" : 0,
: 2,
1,
" : 200,

1,
1,
0.0,

{

"id" : "obj-63",
"maxclass" : "newobj",
"numinlets" : 1,
"numoutlets" : 1,
"outlettype" : [""],
"patcher" :

 "fileversion" : 1,
 "appversion" :
 {
 "major" :

 "minor" :

 "revision"

 "architect

 }

 "rect" : [54.0,

 "bglocked" : 0,
 "openinpresentat

 "default_fontsize

 "default_fontface

 "default_fontnam

 "gridonopen" : 0,
 "gridsize" :

 "gridsnaponopen

 "statusbarvisible"

 "toolbarvisible" :

 "boxanimatetime

 "imprint" : 0,
 "enablehscroll" :

 "enablevscroll" :

 "devicewidth" :

 "description" : "",

```

x" :
    "digest" : "",
    "tags" : "",
    "boxes" : [
        {
            "bo
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-109",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patcher" :
                {
                    "fileversion" : 1,
                    "appversion" :
                    {
                        "major" : 6,
                        "minor" : 1,
                        "revision" : 8,
                        "architecture" : "x86"
                    }
                },
                "rect" : [ 0.0, 0.0, 640.0, 480.0 ],
                "bglocked" : 0,
                "openinpresentation" : 0,
                "default_fontsize" : 12.0,
                "default_fontface" : 0,

```

```
"default_fontname" : "Arial",
"gridonopen" : 0,
"gridsize" : [ 15.0, 15.0 ],
"gridsnaponopen" : 0,
"statusbarvisible" : 2,
"toolbarvisible" : 1,
"boxanimatetime" : 200,
"imprint" : 0,
"enablehscroll" : 1,
"enablevscroll" : 1,
"devicewidth" : 0.0,
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
    {
        "box" :
        {
            "id" : "obj-106",
            "maxclass" : "button",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "bang" ],
            "patching_rect" : [ 118.0, 202.0, 20.0, 20.0 ]
        }
    }
]
```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-100",

"maxclass" : "number",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"parameter_enable" : 0,

"patching_rect" : [171.0, 192.0, 50.0, 20.0]

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-97",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["bang", "int"],

"patching_rect" : [171.0, 212.0, 32.5, 20.0],

```
        "text" : "t b i"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-95",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 224.0, 216.0, 51.0, 20.0 ],
        "text" : "random"
    }
},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-92",
        "maxclass" : "number",
        "numinlets" : 1,
```

```

        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 80.0, 447.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-90",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 50.0, 384.0, 32.5, 20.0 ],
            "text" : "+"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-89",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "patching_rect" : [ 164.0, 245.0, 32.5, 20.0 ],
        "text" : "t i b"
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-88",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 213.0, 318.0, 32.5, 20.0 ],
            "text" : "+ 1"
        }
},
{
    "box" :

```

```

        {
            "id" : "obj-87",
            "maxclass" : "toggle",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 213.0, 291.0, 20.0, 20.0 ]
        }

    }

,

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-83",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 2,
            "outlettype" : [ "", "" ],
            "patching_rect" : [ 72.0, 330.0, 54.0, 20.0 ],
            "text" : "gate 2 1"
        }

    }

,

{

```

```
"box" :  
    {  
        "fontname" : "Arial",  
        "fontsize" : 12.0,  
        "id" : "obj-82",  
        "maxclass" : "newobj",  
        "numinlets" : 2,  
        "numoutlets" : 1,  
        "outlettype" : [ "int" ],  
        "patching_rect" : [ 103.0, 384.0, 32.5, 20.0 ],  
        "text" : "-"  
    }  
}
```

,

```
{  
    "box" :  
        {  
            "fontname" : "Arial",  
            "fontsize" : 12.0,  
            "id" : "obj-80",  
            "maxclass" : "newobj",  
            "numinlets" : 2,  
            "numoutlets" : 1,  
            "outlettype" : [ "int" ],  
            "patching_rect" : [ 213.0, 264.0, 46.0, 20.0 ],  
            "text" : "decide"  
        }  
}
```

```

    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-79",
                "maxclass" : "newobj",
                "numinlets" : 6,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" : [ 143.0, 163.0, 105.0, 20.0 ],
                "text" : "scale 50 127 1 12"
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-78",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,

```

```

        "outlettype" : [ "int" ],
        "patching_rect" : [ 72.0, 198.0, 24.0, 20.0 ],
        "text" : "t 0"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-76",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 103.0, 133.0, 59.0, 20.0 ],
            "text" : "split 0 49"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-12",

```

```
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 103.0, 100.0, 43.0, 20.0 ],
        "text" : "r pitch"
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-107",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 107.0, 40.0, 25.0, 25.0 ]
        }
},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-108",
```

```

        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 80.0, 527.0, 25.0, 25.0 ]
    }

}

],

"lines" : [

    {

        "patchline" :

            {

                "destination" : [ "obj-97", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-100", 0 ]
            }

    }

,

    {

        "patchline" :

            {

                "destination" : [ "obj-100", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-106", 0 ]
            }

    }

}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-83", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-107", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-76", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-12", 0 ]  
        }  
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-78", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-76", 0 ]  
        }  
}
```

```
    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-79", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-76", 1 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-90", 1 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-78", 0 ]

            }

    }

    ,
    {

        "patchline" :

            {

                "destination" : [ "obj-100", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-79", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-87", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-80", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-92", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-82", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-82", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-83", 1 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-90", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-83", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-88", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-87", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :
      {
        "destination" : [ "obj-83", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-88", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-80", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 1 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-82", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-89", 0 ]
      }
    }
  ]
}
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-90", 1 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-89", 0 ]
        }
    }
  },
  {
    "patchline" :
      {
        "destination" : [ "obj-92", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-90", 0 ]
      }
  }
},
{
  "patchline" :
    {
      "destination" : [ "obj-108", 0 ],
      "disabled" : 0,
      "hidden" : 0,
```

```
        "source" : [ "obj-92", 0 ]
    }

},
{
    "patchline" :
        {
            "destination" : [ "obj-89", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-95", 0 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-95", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-97", 1 ]
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-95", 0 ],
```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-97", 0 ]
    }

}

]

}

,

"patching_rect" : [ 187.0, 270.0, 79.0, 20.0 ],
"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,

"text" : "p pitch drunk"

}

}

{

"bo
{
x" :

```

```
"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-74",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : [ "int" ],

"patcher" :
    {
        "fileversion" : 1,
        "appversion" :
            {
                "major" : 6,
                "minor" : 1,
                "revision" : 8,
                "architecture" : "x86"
            }
    },

    "rect" : [ 0.0, 0.0, 640.0, 480.0 ],

    "bglocked" : 0,

    "openinpresentation" : 0,

    "default_fontsize" : 12.0,

    "default_fontface" : 0,

    "default_fontname" : "Arial",

    "gridonopen" : 0,

    "gridsize" : [ 15.0, 15.0 ],
```

```
"gridsnaponopen" : 0,

"statusbarvisible" : 2,

"toolbarvisible" : 1,

"boxanimatetime" : 200,

"imprint" : 0,

"enablehscroll" : 1,

"enablevscroll" : 1,

"devicewidth" : 0.0,

"description" : "",

"digest" : "",

"tags" : "",

"boxes" : [

    {

        "box" :

            {

                "fontname" : "Arial",

                "fontsize" : 12.0,

                "id" : "obj-71",

                "maxclass" : "newobj",

                "numinlets" : 2,

                "numoutlets" : 1,

                "outlettype" : [ "float" ],

                "patching_rect" : [ 232.0, 417.0, 32.5, 20.0 ],

                "text" : "+ 1."

            }

    }

]
```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-60",

"maxclass" : "flonum",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["float", "bang"],

"parameter_enable" : 0,

"patching_rect" : [408.0, 466.0, 50.0, 20.0]

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-63",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["float"],

"patching_rect" : [408.0, 438.0, 47.0, 20.0],

```
        "text" : "/ 1000."
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-64",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int", "bang" ],
                "parameter_enable" : 0,
                "patching_rect" : [ 451.0, 300.0, 50.0, 20.0 ]
            }
    }

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-65",
                "maxclass" : "newobj",
                "numinlets" : 2,
```

```

        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 413.0, 268.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-66",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 468.5, 268.0, 34.0, 20.0 ],
            "text" : "print"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-67",

```

```

        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 380.0, 373.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-68",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 419.0, 316.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-69",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "int" ],
        "patching_rect" : [ 380.0, 344.0, 61.0, 20.0 ],
        "text" : "random 0"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-58",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 413.0, 233.0, 105.0, 20.0 ],
        "text" : "scale 0. 49. 0.5 1."
    }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-56",

"maxclass" : "newobj",

"numinlets" : 3,

"numoutlets" : 2,

"outlettype" : ["int", "int"],

"patching_rect" : [247.0, 189.0, 72.0, 20.0],

"text" : "split 71 127"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-55",

"maxclass" : "number",

"numinlets" : 1,

"numoutlets" : 2,

"outlettype" : ["int", "bang"],

"parameter_enable" : 0,

```
        "patching_rect" : [ 50.0, 383.0, 50.0, 20.0 ]
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-48",
            "maxclass" : "flonum",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "float", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 229.0, 448.0, 50.0, 20.0 ]
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-43",
            "maxclass" : "newobj",
            "numinlets" : 2,
```

```

        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 201.0, 383.0, 47.0, 20.0 ],
        "text" : "/" 1000."
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-42",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int", "bang" ],
            "parameter_enable" : 0,
            "patching_rect" : [ 272.0, 282.0, 50.0, 20.0 ]
        }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-36",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 234.0, 250.0, 49.0, 20.0 ],
        "text" : "* 1000."
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-31",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" : [ 289.5, 250.0, 34.0, 20.0 ],
            "text" : "print"
        }
},
{
    "box" :
        {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-30",
        "maxclass" : "flonum",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "float", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 201.0, 355.0, 50.0, 20.0 ]
    }

},
{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "bang", "int" ],
            "patching_rect" : [ 240.0, 298.0, 32.5, 20.0 ],
            "text" : "t b i"
        }
}

```

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-23",

"maxclass" : "newobj",

"numinlets" : 2,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [201.0, 326.0, 61.0, 20.0],

"text" : "random 0"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-22",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["int"],

"patching_rect" : [118.0, 211.0, 24.0, 20.0],

```

        "text" : "t 1"
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-19",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 78.5, 337.0, 32.5, 20.0 ],
        "text" : "* 0."
    }

},

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-17",
        "maxclass" : "newobj",
        "numinlets" : 6,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 247.0, 219.0, 119.0, 20.0 ],
        "text" : "scale 71. 127. 0. 0.5"
    }

},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-14",
            "maxclass" : "newobj",
            "numinlets" : 3,
            "numoutlets" : 2,
            "outlettype" : [ "int", "int" ],
            "patching_rect" : [ 201.0, 147.0, 65.0, 20.0 ],
            "text" : "split 50 70"
        }
},

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,

```

```

        "id" : "obj-11",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 201.0, 100.0, 61.0, 20.0 ],
        "text" : "r duration"
    }

},
{
    "box" :
        {
            "comment" : "",
            "id" : "obj-72",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 78.5, 40.0, 25.0, 25.0 ]
        }
},
{
    "box" :
        {
            "comment" : "",

```

```

        "id" : "obj-73",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 50.0, 550.452148, 25.0, 25.0 ]
    }

},

    "lines" : [

        {

            "patchline" :

                {

                    "destination" : [ "obj-14", 0 ],
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-11", 0 ]
                }

        }

    ],

    {

        "patchline" :

            {

                "destination" : [ "obj-22", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-14", 0 ]
            }

    }

```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-56", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-14", 1 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-36", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-17", 0 ]
      }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-55", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-17", 0 ]
    }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-55", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-17", 0 ]
    }
  }
],
{
  "patchline" :
```

```
        "source" : [ "obj-19", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-22", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-30", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-23", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 1 ],
```

```
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-24", 1 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-23", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-24", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-43", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-30", 0 ]
            }
    }

    },
    {
        "patchline" :
```

```

{
    "destination" : [ "obj-31", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-36", 0 ]
}

```

```

},
{
    "patchline" :
    {
        "destination" : [ "obj-42", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-36", 0 ]
    }
}

```

```

},
{
    "patchline" :
    {
        "destination" : [ "obj-24", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-42", 0 ]
    }
}

```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-71", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-43", 0 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-19", 1 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-48", 0 ]  
        }  
}
```

```
}
```

,

```
{  
    "patchline" :  
        {  
            "destination" : [ "obj-73", 0 ],  
            "disabled" : 0,  
            "hidden" : 0,  
            "source" : [ "obj-55", 0 ]  
        }  
}
```

```
    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-17", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-56", 0 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-58", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-56", 1 ]

            }

    }

    },

    {

        "patchline" :

            {

                "destination" : [ "obj-65", 0 ],

                "disabled" : 0,
```

```
        "hidden" : 0,
        "source" : [ "obj-58", 0 ]
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-19", 1 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-60", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-60", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-63", 0 ]
            }
    }

    },
    {
        "patchline" :
            {
```

```
        "destination" : [ "obj-68", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-64", 0 ]
    }

```

```
    }
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-64", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

```

```
    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-66", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-65", 0 ]
            }
    }

```

```
    ,
    {

```

```
      "patchline" :
      {
        "destination" : [ "obj-63", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-67", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-69", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-68", 1 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-69", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-68", 0 ]
      }
    }
  ]
}
```

```
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-67", 0 ],
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-69", 0 ]
        }
    }
  ],
  {
    "patchline" :
      {
        "destination" : [ "obj-48", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-71", 0 ]
      }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-48", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-71", 0 ]
    }
  }
],
{
  "patchline" :
```

```

    {
      "destination" : [ "obj-19", 0 ],
      "disabled" : 0,
      "hidden" : 0,

```

```

        "source" : [ "obj-72", 0 ]
    }

}

]

}

,

"patching_rect" : [ 242.5, 220.0, 101.0, 20.0 ],

"saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,

"text" : "p duration_drunk"

    }

}

{

"bo
{

x" :

"fontname" : "Arial",

"fontsize" : 12.0,

```

```

        "id" : "obj-52",

        "maxclass" : "newobj",

        "numinlets" : 1,

        "numoutlets" : 0,

        "patching_rect" : [ 319.0, 651.0, 73.0, 20.0 ],

        "text" : "s next_note"
    }
},
{
    "bo
    {
        "id" : "obj-47",

        "maxclass" : "button",

        "numinlets" : 1,

        "numoutlets" : 1,

        "outlettype" : [ "bang" ],

        "patching_rect" : [ 319.0, 626.0, 20.0, 20.0 ]
    }
},
{
    "bo
    {
        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-41",

        "maxclass" : "newobj",

        "numinlets" : 0,

        "numoutlets" : 1,

        "outlettype" : [ "" ],

```

```

    "patching_rect" : [ 49.0, 93.0, 69.0, 20.0 ],
    "text" : "r play_time"
  }
},
{
  "bo
x" :
  {
    "id" : "obj-37",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 128.5, 151.0, 20.0, 20.0 ]
  }
},
{
  "bo
x" :
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-34",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 128.5, 93.0, 43.0, 18.0 ],
    "text" : "set $1"
  }
},
{

```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-32",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 128.5, 120.0, 43.0, 20.0 ],
      "text" : "match"
}
```

```
, {
```

```
x" : {"fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-21",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 182.5, 151.0, 40.0, 20.0 ],
      "text" : "zl reg"
}
```

```
, {
```

```
x" : {"bo
{
```

```

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-20",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 182.5, 180.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
  }
},
{
  "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-18",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 129.5, 36.0, 94.0, 20.0 ],
    "text" : "zl slice 1"
  }
},
{
  "bo
{
    "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-35",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 254.5, 548.0, 34.0, 18.0 ],
    "text" : "$1 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-29",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "int" ],
        "patching_rect" : [ 233.5, 595.0, 69.0, 20.0 ],
        "text" : "unpack 0 0"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,

```

```

        "id" : "obj-28",

        "maxclass" : "newobj",

        "numinlets" : 2,

        "numoutlets" : 2,

        "outlettype" : [ "", "" ],

        "patching_rect" : [ 233.5, 571.0, 40.0, 20.0 ],

        "text" : "zl reg"
    }
}

,
x" :
    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-27",

    "maxclass" : "newobj",

    "numinlets" : 1,

    "numoutlets" : 2,

    "outlettype" : [ "bang", "int" ],

    "patching_rect" : [ 233.5, 504.0, 32.5, 20.0 ],

    "text" : "t b i"
}
}

,
x" :
    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-26",

```

```

    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 233.5, 528.0, 39.0, 20.0 ],
    "text" : "delay"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-16",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 182.5, 626.0, 120.0, 20.0 ],
      "text" : "sprintf 144\\, %ld\\, %ld"
    }
  }
  {
    "bo
    {
      "comment" : "",
      "id" : "obj-61",
      "maxclass" : "inlet",
      "numinlets" : 0,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 129.5, 5.0, 25.0, 25.0 ]
    }
},
{
    "bo
    {
        "comment" : "",
        "id" : "obj-62",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 182.5, 674.0, 25.0, 25.0 ]
    }
},
{
    "lines" : [
        {
            "pa
            "tchline" :
            {
                "destination" : [ "obj-16", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-109", 0 ]
            }
        }
    ],
    "pa
    "tchline" :
    {
        "destination" : [ "obj-35", 0 ],

```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-109", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-62", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-16", 0 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-18", 1 ]
    }
}
{
    "pa
tchline" :
    {
        "destination" : [ "obj-34", 0 ],
        "disabled" : 0,
        "hidden" : 0,

```

```

    "source" : [ "obj-18", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-109", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 1 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-74", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-20", 2 ]
    }
    }
    {
    ,
```

```

tchline" :
{
    "destination" : [ "obj-20", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-21", 0 ]
}
,
tchline" :
{
    "destination" : [ "obj-28", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-26", 0 ]
}
,
tchline" :
{
    "destination" : [ "obj-26", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 256.5, 525.0, 263.0, 525.0 ],
    "source" : [ "obj-27", 1 ]
}
,
tchline" :
{

```

```
"destination" : [ "obj-26", 0 ],
"disabled" : 0,
"hidden" : 0,
"midpoints" : [ 243.0, 525.0, 243.0, 525.0 ],
"source" : [ "obj-27", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-29", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-28", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 1 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-16", 0 ],
```

```

    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-47", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-29", 1 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-37", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-32", 0 ]
    }
  }
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-34", 0 ]
  }
```

```

    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-28", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-35", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-37", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-32", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-41", 0 ]
  }
}
,
{
  "pa
```

```

tchline" :
{
    "destination" : [ "obj-52", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-47", 0 ]
}
},
"pa
tchline" :
{
    "destination" : [ "obj-18", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-61", 0 ]
}
},
"pa
tchline" :
{
    "destination" : [ "obj-27", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-74", 0 ]
}
}
],
},
"patching_rect" : [ 50.0,
273.0, 43.0, 20.0 ],
"s" :
"saved_object_attribute
{

```

```

" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

,

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-9",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "",

"bang" ],
[ 116.0, 100.0, 32.5, 20.0 ],

,

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-24",
            "maxclass" : "newobj",
            "numinlets" : 5,
            "numoutlets" : 4,
            "outlettype" : [ "int", "",

"", "int" ],

```

```

[ 129.5, 152.0, 87.0, 20.0 ],
    "text" : "counter 0 1 32"
    }
    }
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-23",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 32,
            "outlettype" : [ "", "", "",
            "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "", "" ],
            "patching_rect" :
            [ 129.5, 183.0, 762.5, 20.0 ],
            "text" : "gate 32"
        }
    }
    {
        "box" :
        {
            "comment" : "",
            "id" : "obj-85",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" :
            [ 116.0, 40.0, 25.0, 25.0 ]
        }
    }
    {
        "box" :
        {
            "comment" : "",
            "id" : "obj-86",
            "maxclass" : "outlet",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" :
            [ 237.5, 368.0, 25.0, 25.0 ]
        }
    }
],

```

```

{
    "lines" : [
        {
            "patchline" :
                {
                    "destination" :
                        {
                            "disabled" : 0,
                            "hidden" : 0,
                            "source" : [ "obj-1", 0 ]
                        }
                }
        },
        {
            "patchline" :
                {
                    "destination" :
                        {
                            "disabled" : 0,
                            "hidden" : 0,
                            "source" : [ "obj-10", 0 ]
                        }
                }
        },
        {
            "patchline" :
                {
                    "destination" :
                        {
                            "disabled" : 0,
                            "hidden" : 0,
                            "source" : [ "obj-11", 0 ]
                        }
                }
        },
        {
            "patchline" :
                {
                    "destination" :
                        {
                            "disabled" : 0,
                            "hidden" : 0,
                            "source" : [ "obj-12", 0 ]
                        }
                }
        },
        {
            "patchline" :
                {
                    "destination" :

```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-13", 0 ]
    }
}
,
{
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-14", 0 ]
        }
}
,
{
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-15", 0 ]
        }
}
,
{
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-16", 0 ]
        }
}
,
{
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-17", 0 ]
        }
}
}

```

["obj-86", 0],

["obj-86", 0],

["obj-86", 0],

["obj-86", 0],

```
[ "obj-86", 0 ],
{
    "patchline" :
        {
            "destination" :
                {
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-2", 0 ]
                }
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-1",
                                "disabled" : 0,
                                "hidden" : 0,
                                "source" : [ "obj-23",
                                                0 ],
                                31 ]
        }
},
{
    "patchline" :
        {
            "destination" :
                {
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-23",
                                23 ]
                }
        }
},
{
    "patchline" :
        {
            "destination" :
                {
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-23",
                                22 ]
                }
        }
},
{
    "patchline" :
```

```

[ "obj-12", 0 ],
21 ]
,
{
[ "obj-13", 0 ],
20 ]
,
{
[ "obj-14", 0 ],
19 ]
,
{
[ "obj-15", 0 ],
18 ]
,
{
[ "obj-16", 0 ],

```

```

"destination" :
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-23",
}
}
{
"patchline" :
"destination" :
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-23",
}
}
{
"patchline" :
"destination" :
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-23",
}
}
{
"patchline" :
"destination" :

```

```

    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-23",
17 ]
    }

    }
    {
    "patchline" :
    {
        "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-23",
16 ]
    }
    }
    {
    "patchline" :
    {
        "destination" : [ "obj-2",
0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-23",
30 ]
    }
    }
    {
    "patchline" :
    {
        "destination" : [ "obj-3",
0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-23",
29 ]
    }
    }
    {
    "patchline" :
    {
        "destination" : [ "obj-4",
0 ],
        "disabled" : 0,
        "hidden" : 0,

```

```

28 ]                                "source" : [ "obj-23",
                                     }
                                     }
,                                   {
                                     "patchline" :
                                     {
                                     "destination" : [ "obj-5",
0 ],                                "disabled" : 0,
                                     "hidden" : 0,
27 ]                                "source" : [ "obj-23",
                                     }
                                     }
,                                   {
                                     "patchline" :
                                     {
                                     "destination" : [ "obj-6",
0 ],                                "disabled" : 0,
                                     "hidden" : 0,
26 ]                                "source" : [ "obj-23",
                                     }
                                     }
,                                   {
                                     "patchline" :
                                     {
                                     "destination" :
[ "obj-63", 0 ],                    "disabled" : 0,
                                     "hidden" : 0,
                                     "source" : [ "obj-23", 0 ]
                                     }
                                     }
,                                   {
                                     "patchline" :
                                     {
                                     "destination" :
[ "obj-64", 0 ],                    "disabled" : 0,
                                     "hidden" : 0,
                                     "source" : [ "obj-23", 1 ]
                                     }

```

```

    },
    {
      "patchline" :
        "destination" :
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-23", 3 ]
    }
  },
  {
    "patchline" :
      "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-23", 2 ]
    }
  },
  {
    "patchline" :
      "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-23", 7 ]
    }
  },
  {
    "patchline" :
      "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-23", 6 ]
    }
  },
  {
    "patchline" :
      "destination" : [ "obj-7",
0 ],
```

```

25 ]
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-23",
    }
    }
    {
    "patchline" :
    {
    "destination" :
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-23", 5 ]
    }
    }
    {
    "patchline" :
    {
    "destination" :
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-23", 4 ]
    }
    }
    {
    "patchline" :
    {
    "destination" :
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-23",
15 ]
    }
    }
    {
    "patchline" :
    {
    "destination" :
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-23",
14 ]

```

```

    }

    },
    {
        "patchline" :
            "destination" :
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-23",
13 ]
    }

    },
    {
        "patchline" :
            "destination" :
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-23",
12 ]
    }

    },
    {
        "patchline" :
            "destination" :
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-23",
11 ]
    }

    },
    {
        "patchline" :
            "destination" :
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-23",
10 ]
    }

```

```

    },
    {
        "patchline" :
            {
                "destination" :
                    {
                        "disabled" : 0,
                        "hidden" : 0,
                        "source" : [ "obj-23", 9 ]
                    }
            }
    },
    {
        "patchline" :
            {
                "destination" :
                    {
                        "disabled" : 0,
                        "hidden" : 0,
                        "source" : [ "obj-23", 8 ]
                    }
            }
    },
    {
        "patchline" :
            {
                "destination" : [ "obj-8",
                    {
                        "disabled" : 0,
                        "hidden" : 0,
                        "source" : [ "obj-23",
                            24 ]
                    }
                ]
            }
    },
    {
        "patchline" :
            {
                "destination" :
                    {
                        "disabled" : 0,
                        "hidden" : 0,
                        "midpoints" : [ 139.0,
                            173.0, 139.0, 173.0 ],
                        "source" : [ "obj-24", 0 ]
                    }
            }
    },
    {
        "patchline" :

```

```

[ "obj-86", 0 ],
    {
        "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-3", 0 ]
    }
},
    {
        "patchline" :
        "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-4", 0 ]
    }
},
    {
        "patchline" :
        "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-5", 0 ]
    }
},
    {
        "patchline" :
        "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-6", 0 ]
    }
},
    {
        "patchline" :
        "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-63", 0 ]
    }
}

```

```

    }
  }
  ,
  {
    [ "obj-86", 0 ],
    "patchline" :
      "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-64", 0 ]
      }
  }
  ,
  {
    [ "obj-86", 0 ],
    "patchline" :
      "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-65", 0 ]
      }
  }
  ,
  {
    [ "obj-86", 0 ],
    "patchline" :
      "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-67", 0 ]
      }
  }
  ,
  {
    [ "obj-86", 0 ],
    "patchline" :
      "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-68", 0 ]
      }
  }
  ,
  {
    "patchline" :
```

```

[ "obj-86", 0 ],
    "destination" :
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-69", 0 ]
    }
    }
    {
    "patchline" :
    "destination" :
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-7", 0 ]
    }
    }
    {
    "patchline" :
    "destination" :
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-70", 0 ]
    }
    }
    {
    "patchline" :
    "destination" :
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-71", 0 ]
    }
    }
    {
    "patchline" :
    "destination" :
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-72", 0 ]
    }

```

```

,
{
    "patchline" :
        {
            "destination" :
                {
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-73", 0 ]
                }
        }
},
{
    "patchline" :
        {
            "destination" :
                {
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-74", 0 ]
                }
        }
},
{
    "patchline" :
        {
            "destination" :
                {
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-75", 0 ]
                }
        }
},
{
    "patchline" :
        {
            "destination" :
                {
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-76", 0 ]
                }
        }
},
{
    "patchline" :
        {
            "destination" :

```

```

[ "obj-86", 0 ],
                                "disabled" : 0,
                                "hidden" : 0,
                                "source" : [ "obj-77", 0 ]
                                }
                                }
                                {
                                "patchline" :
                                {
                                "destination" :
                                {
                                "disabled" : 0,
                                "hidden" : 0,
                                "source" : [ "obj-78", 0 ]
                                }
                                }
                                }
                                {
                                "patchline" :
                                {
                                "destination" :
                                {
                                "disabled" : 0,
                                "hidden" : 0,
                                "source" : [ "obj-79", 0 ]
                                }
                                }
                                }
                                {
                                "patchline" :
                                {
                                "destination" :
                                {
                                "disabled" : 0,
                                "hidden" : 0,
                                "source" : [ "obj-8", 0 ]
                                }
                                }
                                }
                                {
                                "patchline" :
                                {
                                "destination" : [ "obj-9",
                                "disabled" : 0,
                                "hidden" : 0,
                                "source" : [ "obj-85", 0 ]
                                }
                                }
                                }
0 ],

```

```

    },
    {
        "patchline" :
        {
            "destination" :
            [ "obj-23", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "midpoints" : [ 125.5,
            137.0, 882.5, 137.0 ],
            "source" : [ "obj-9", 0 ]
        }
    },
    {
        "patchline" :
        {
            "destination" :
            [ "obj-24", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "midpoints" : [ 139.0,
            122.0, 139.0, 122.0 ],
            "source" : [ "obj-9", 1 ]
        }
    }
]
}
,
{
    "patching_rect" : [ 48.5, 631.5, 68.0, 20.0 ],
    "saved_object_attributes" :
    {
        "default_fontface" : 0,
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    }
,
    "text" : "p playback"
}
,
{

```

```

    "box" : {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "frgb" : 0.0,
      "id" : "obj-84",
      "linecount" : 3,
      "maxclass" : "comment",
      "numinlets" : 1,
      "numoutlets" : 0,
      "patching_rect" : [ 409.0, 134.0, 150.0, 47.0 ],
      "text" : "144 - keys\n176 - faders\n153 - buttons"
    }
  },
  {
    "box" : {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-82",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 268.5, 100.0, 63.0, 20.0 ],
      "text" : "zl group 3"
    }
  },
  {
    "box" : {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-81",
      "maxclass" : "newobj",
      "numinlets" : 4,
      "numoutlets" : 4,
      "outlettype" : [ "", "", "", "" ],
      "patching_rect" : [ 268.5, 160.0, 108.0, 20.0 ],
      "text" : "route 144 176 153"
    }
  },
  {
    "box" : {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-44",
      "maxclass" : "message",
      "numinlets" : 2,
      "numoutlets" : 1,

```

```

        "outlettype" : [ "" ],
        "patching_rect" : [ 977.0, 309.5, 33.0, 18.0 ],
        "text" : "stop"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-42",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 977.0, 280.5, 95.0, 20.0 ],
        "text" : "r stop_playback"
    }
},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-40",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 876.5, 454.5, 71.0, 20.0 ],
        "text" : "s play_time"
    }
},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-39",
        "maxclass" : "number",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "int", "bang" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 876.5, 370.5, 50.0, 20.0 ]
    }
},
{
    "box" :
    {
        "fontname" : "Arial",

```

```

        "fontsize" : 12.0,
        "id" : "obj-31",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 877.0, 280.5, 95.0, 20.0 ],
        "text" : "r start_playback"
    }

},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-22",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "float" ],
        "patching_rect" : [ 876.5, 340.5, 49.0, 20.0 ],
        "text" : "clocker"
    }
},
{
    "box" :
    {
        "id" : "obj-12",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 1033.0, 4.0, 50.0, 50.0 ],
        "presentation" : 1,
        "presentation_rect" : [ 649.0, 43.0, 50.0, 50.0 ]
    }
},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-13",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 1033.0, 66.0, 97.0, 20.0 ],
        "presentation" : 1,
        "presentation_rect" : [ 649.0, 105.0, 97.0, 20.0 ],
        "text" : "s stop_playback"
    }
}

```

```

    }
  },
  {
    "box" : {
      "id" : "obj-11",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 922.0, 4.0, 50.0, 50.0 ],
      "presentation" : 1,
      "presentation_rect" : [ 538.0, 43.0, 50.0, 50.0 ]
    }
  },
  {
    "box" : {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-10",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 0,
      "patching_rect" : [ 922.0, 66.0, 97.0, 20.0 ],
      "presentation" : 1,
      "presentation_rect" : [ 538.0, 105.0, 97.0, 20.0 ],
      "text" : "s start_playback"
    }
  },
  {
    "box" : {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-5",
      "maxclass" : "newobj",
      "numinlets" : 0,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patcher" : {
        "fileversion" : 1,
        "appversion" : {
          "major" : 6,
          "minor" : 1,
          "revision" : 8,
          "architecture" : "x86"
        }
      }
    }
  },

```

```

    "rect" : [ 16.0, 44.0, 943.0, 810.0 ],
    "bglocked" : 0,
    "openinpresentation" : 0,
    "default_fontsize" : 12.0,
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "gridonopen" : 0,
    "gridsize" : [ 15.0, 15.0 ],
    "gridsnaponopen" : 0,
    "statusbarvisible" : 2,
    "toolbarvisible" : 1,
    "boxanimatetime" : 200,
    "imprint" : 0,
    "enablehscroll" : 1,
    "enablevscroll" : 1,
    "devicewidth" : 0.0,
    "description" : "",
    "digest" : "",
    "tags" : "",
    "boxes" : [
      {
        "box" :
          {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-84",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" :
              [ 448.0, 668.0, 32.5, 20.0 ],
            "text" : "+ 1"
          }
      },
      {
        "box" :
          {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-83",
            "maxclass" : "number",
            "numinlets" : 1,
            "numoutlets" : 2,
            "outlettype" : [ "int",
              "bang" ],
            "parameter_enable" : 0,
            "patching_rect" :
              [ 501.0, 418.0, 50.0, 20.0 ]
          }
      }
    ]
  }

```

```

    }

    }
    {
        "box" :
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-81",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 2,
            "outlettype" : [ "", "" ],
            "patching_rect" :
                [ 487.0, 376.0, 57.0, 20.0 ],
            "text" : "zl ecils 1"
        }
    }
    {
        "box" :
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-76",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" :
                [ 487.0, 356.0, 67.0, 20.0 ],
            "text" : "thresh 500"
        }
    }
    {
        "box" :
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-75",
            "maxclass" :
                "message",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" :
                [ 641.0, 352.0, 32.5, 18.0 ],
            "text" : "1"
        }
    }

```

```

    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-73",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" :
                    [ 752.0, 376.0, 34.0, 20.0 ],
                "text" : "gate"
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-72",
                "maxclass" :
                    "message",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" :
                    [ 695.25, 344.0, 32.5, 18.0 ],
                "text" : "0"
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-70",
                "maxclass" : "newobj",
                "numinlets" : 0,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" :
                    [ 767.0, 281.0, 95.0, 20.0 ],
                "text" : "r
stop_playback"
            }
    }

```

```

    },
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-69",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" :
            [ 486.5, 525.0, 151.0, 20.0 ],
            "text" : "if $i1 > 32 then
32 else $i1"
        }
    }
},
{
    "box" :
    {
        "id" : "obj-67",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" :
        [ 641.0, 418.0, 20.0, 20.0 ]
    }
}
},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-65",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" :
        [ 683.0, 752.0, 89.0, 20.0 ],
        "text" : "s relative_zero"
    }
}
},
{
    "box" :
    {

```

```

"bang" ],

[ 683.0, 725.0, 50.0, 20.0 ]

,

{
  "fontname" : "Arial",
  "fontsize" : 12.0,
  "id" : "obj-64",
  "maxclass" : "number",
  "numinlets" : 1,
  "numoutlets" : 2,
  "outlettype" : [ "int",

  "parameter_enable" : 0,
  "patching_rect" :

}

}

{
  "box" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-62",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" :

    "text" : "zl slice 1"

  }

}

{
  "box" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-61",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 4,
    "outlettype" : [ "", "", "",

    "patching_rect" :

    "saved_object_attribute
    {
      "embed" : 0
    }

    "text" : "coll

qvenilds_midi"

```

```

    }

    }
    {
        "box" :
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "frgb" : 0.0,
            "id" : "obj-56",
            "maxclass" :

            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" :

            "text" : "inn fra fader"
        }
    }
    {
        "box" :
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "frgb" : 0.0,
            "id" : "obj-52",
            "maxclass" :

            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" :

            "text" : "startpunkt"
        }
    }
    {
        "box" :
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "frgb" : 0.0,
            "id" : "obj-50",
            "linecount" : 2,
            "maxclass" :

            "numinlets" : 1,
            "numoutlets" : 0,
            "patching_rect" :

```

,

"comment",

[551.0, 418.0, 75.0, 20.0],

,

"comment",

[573.0, 635.0, 63.0, 20.0],

,

"comment",

[538.0, 545.0, 80.0, 33.0],

cut"

"text" : "antall toner i

}

}

{

,

"box" :

{

"fontname" : "Arial",
"fontsize" : 12.0,
"id" : "obj-48",
"maxclass" : "number",
"numinlets" : 1,
"numoutlets" : 2,
"outlettype" : ["int",

"bang"],

"parameter_enable" : 0,
"patching_rect" :

[767.0, 463.0, 50.0, 20.0]

}

}

{

,

"box" :

{

"fontname" : "Arial",
"fontsize" : 12.0,
"id" : "obj-44",
"maxclass" : "number",
"numinlets" : 1,
"numoutlets" : 2,
"outlettype" : ["int",

"bang"],

"parameter_enable" : 0,
"patching_rect" :

[529.0, 773.0, 50.0, 20.0]

}

}

{

,

"box" :

{

"fontname" : "Arial",
"fontsize" : 12.0,
"id" : "obj-41",
"maxclass" :

"message",

"numinlets" : 2,
"numoutlets" : 1,

```

[ 869.0, 402.0, 32.5, 18.0 ],
    {
        "outlettype" : [ "" ],
        "patching_rect" :
            {
                "text" : "0"
            }
    },
    {
        "box" :
            {
                "id" : "obj-34",
                "maxclass" : "button",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "bang" ],
                "patching_rect" :
                    {
                        [ 714.0, 520.0, 20.0, 20.0 ]
                    }
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-29",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" :
                    {
                        [ 767.0, 433.0, 32.5, 20.0 ],
                        "text" : "+ 1"
                    }
            }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-26",
                "maxclass" : "newobj",
                "numinlets" : 0,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" :
                    {
                        [ 767.0, 343.0, 71.0, 20.0 ],
                        "text" : "r next_note"
                    }
            }
    }

```

```

    },
    {
      "box" :
        {
          "fontname" : "Arial",
          "fontsize" : 12.0,
          "id" : "obj-25",
          "maxclass" : "newobj",
          "numinlets" : 5,
          "numoutlets" : 4,
          "outlettype" : [ "int", "",
            "", "int" ],
          "patching_rect" :
            [ 767.0, 402.0, 73.0, 20.0 ],
          "text" : "counter"
        }
    }
  ],

```

```

    {
      "box" :
        {
          "fontname" : "Arial",
          "fontsize" : 12.0,
          "id" : "obj-23",
          "maxclass" :
            "message",
          "numinlets" : 2,
          "numoutlets" : 1,
          "outlettype" : [ "" ],
          "patching_rect" :
            [ 714.0, 463.0, 43.0, 18.0 ],
          "text" : "set $1"
        }
    }
  ],

```

```

    {
      "box" :
        {
          "fontname" : "Arial",
          "fontsize" : 12.0,
          "id" : "obj-19",
          "maxclass" : "newobj",
          "numinlets" : 1,
          "numoutlets" : 1,
          "outlettype" : [ "" ],
          "patching_rect" :
            [ 714.0, 494.0, 43.0, 20.0 ],
          "text" : "match"
        }
    }
  ],

```

```

    },
    {
      "box" :
        {
          "fontname" : "Arial",
          "fontsize" : 12.0,
          "id" : "obj-13",
          "maxclass" : "newobj",
          "numinlets" : 2,
          "numoutlets" : 1,
          "outlettype" : [ "int" ],
          "patching_rect" :
            [ 540.0, 666.0, 32.5, 20.0 ],
          "text" : "+"
        }
    },
    {
      "box" :
        {
          "fontname" : "Arial",
          "fontsize" : 12.0,
          "id" : "obj-7",
          "maxclass" : "newobj",
          "numinlets" : 2,
          "numoutlets" : 1,
          "outlettype" : [ "" ],
          "patching_rect" :
            [ 523.0, 692.0, 36.0, 20.0 ],
          "text" : "pack"
        }
    },
    {
      "box" :
        {
          "fontname" : "Arial",
          "fontsize" : 12.0,
          "id" : "obj-47",
          "maxclass" :
            "message",
          "numinlets" : 2,
          "numoutlets" : 1,
          "outlettype" : [ "" ],
          "patching_rect" :
            [ 523.0, 721.0, 67.0, 18.0 ],
          "text" : "$1, $2 150"
        }
    }

```

```

    },
    {
      "box" :
        {
          "fontname" : "Arial",
          "fontsize" : 12.0,
          "id" : "obj-45",
          "maxclass" : "newobj",
          "numinlets" : 3,
          "numoutlets" : 2,
          "outlettype" : [ "", "" ],
          "patching_rect" :
            [ 529.0, 745.0, 46.0, 20.0 ],
          "text" : "line"
        }
    },
    {
      "box" :
        {
          "fontname" : "Arial",
          "fontsize" : 12.0,
          "id" : "obj-43",
          "maxclass" : "number",
          "numinlets" : 1,
          "numoutlets" : 2,
          "outlettype" : [ "int",
            "bang" ],
          "parameter_enable" : 0,
          "patching_rect" :
            [ 523.0, 635.0, 50.0, 20.0 ]
        }
    },
    {
      "box" :
        {
          "fontname" : "Arial",
          "fontsize" : 12.0,
          "id" : "obj-40",
          "maxclass" : "number",
          "numinlets" : 1,
          "numoutlets" : 2,
          "outlettype" : [ "int",
            "bang" ],
          "parameter_enable" : 0,
          "patching_rect" :
            [ 473.0, 603.0, 50.0, 20.0 ]
        }
    }
  ]
}

```

```

    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-38",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "bang" ],
                "patching_rect" :
                    [ 441.0, 603.0, 24.0, 20.0 ],
                "text" : "t b"
            }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-37",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" :
                    [ 473.0, 573.0, 32.5, 20.0 ],
                "text" : "-"
            }
    }
    ,
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-36",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "int" ],
                "patching_rect" :
                    [ 441.0, 635.0, 51.0, 20.0 ],
                "text" : "random"
            }
    }
    ,
    {

```

```

    "int" ],
    [ 501.0, 448.0, 32.5, 20.0 ],

    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-33",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "bang",

                "patching_rect" :

                "text" : "t b i"
            }
        }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-32",
                "maxclass" : "newobj",
                "numinlets" : 0,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" :

                "text" : "r slices"
            }
        }
    },
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-31",
                "maxclass" : "number",
                "numinlets" : 1,
                "numoutlets" : 2,
                "outlettype" : [ "int",

                "parameter_enable" : 0,
                "patching_rect" :

                }
        }
    },
    {

```

```

[ 486.5, 504.0, 99.0, 20.0 ],
$1"
{
    "box" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-28",
        "maxclass" : "newobj",
        "numinlets" : 6,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" :
            "text" : "scale 1 127 1
        }
    }
    {
        "box" :
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "frgb" : 0.0,
            "id" : "obj-27",
            "maxclass" :
                "numinlets" : 1,
                "numoutlets" : 0,
                "patching_rect" :
                    "text" : "antall toner i
            }
        }
        {
            "box" :
                "id" : "obj-24",
                "maxclass" : "button",
                "numinlets" : 1,
                "numoutlets" : 1,
                "outlettype" : [ "bang" ],
                "patching_rect" :
            }
        }
        {
            "box" :

```

```

"bang" ],

[ 426.5, 476.0, 50.0, 20.0 ]

,

{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-22",
    "maxclass" : "number",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int",

    "parameter_enable" : 0,
    "patching_rect" :

}

},
{
    "box" :

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-15",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 3,
        "outlettype" : [ "int",

        "patching_rect" :

        "text" : "t 1 length 2"

    }

},
{
    "box" :

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-14",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 91.0,

        "text" : "gate 2 1"

    }

},
{
    "box" :

```

```

[ 412.5, 303.0, 131.0, 20.0 ],
start_cutup_playback"

,
{
  "box" :
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-4",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" :
    {
      "x" : 412.5,
      "y" : 303.0,
      "width" : 131.0,
      "height" : 20.0
    },
    "text" : "r
start_cutup_playback"
  }
},
{
  "box" :
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-17",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" :
    {
      "x" : 360.5,
      "y" : 191.0,
      "width" : 71.0,
      "height" : 20.0
    },
    "text" : "r next_note"
  }
},
{
  "box" :
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-16",
    "maxclass" : "number",
    "numinlets" : 1,
    "numoutlets" : 2,
    "outlettype" : [ "int",
    "bang" ],
    "parameter_enable" : 0,
    "patching_rect" :
    {
      "x" : 254.5,
      "y" : 330.0,
      "width" : 50.0,
      "height" : 20.0
    }
  }
},
{
  "box" :
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-15",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" :
    {
      "x" : 254.5,
      "y" : 330.0,
      "width" : 50.0,
      "height" : 20.0
    },
    "text" : "r
start_cutup_playback"
  }
}

```

```

"message",
[ 197.0, 236.0, 61.0, 18.0 ],

,
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-8",
    "maxclass" :

    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" :

    "text" : "0, 10 210"
}

{
    "box" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-6",
    "maxclass" : "newobj",
    "numinlets" : 3,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" :

    "text" : "line"
}

{
    "box" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-5",
    "maxclass" :

    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" :

    "text" : "1"
}

{
    "box" :

```

```

    "", "int" ],
    [ 254.400024, 303.0, 73.0, 20.0 ],

    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-2",
        "maxclass" : "newobj",
        "numinlets" : 5,
        "numoutlets" : 4,
        "outlettype" : [ "int", "",
        "patching_rect" :
        "text" : "counter"
    }
},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-1",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" :
        "text" : "r
    }
},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "frgb" : 0.0,
        "id" : "obj-114",
        "maxclass" :
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" :
        "text" : "linje, tidfrastart,
    }
},
{
    "comment",
    [ 184.900024, 128.0, 234.0, 20.0 ],
    pitch, dynamikk, varighet"
},

```

```

"message",

[ 107.75, 161.0, 37.0, 18.0 ],

,

{
    "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-99",
            "maxclass" :

            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" :

            "text" : "clear"
        }
    }
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-97",
                "maxclass" : "newobj",
                "numinlets" : 0,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" :

                "text" : "r topack"
            }
        }
        {
            "box" :
                {
                    "fontname" : "Arial",
                    "fontsize" : 12.0,
                    "id" : "obj-96",
                    "maxclass" : "newobj",
                    "numinlets" : 0,
                    "numoutlets" : 1,
                    "outlettype" : [ "" ],
                    "patching_rect" : [ 91.5,

                    "text" : "r tobang"
                }
            }
        }
        {
            "box" :

```

```

{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-95",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 22.5,
161.0, 63.0, 20.0 ],
    "text" : "print pack"
}
},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-20",
        "maxclass" : "newobj",
        "numinlets" : 5,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 91.0,
128.0, 86.0, 20.0 ],
        "text" : "pack 0 0 0 0 0"
    }
},
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-18",
        "maxclass" :
"message",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" :
[ 157.149994, 44.0, 32.5, 18.0 ],
        "text" : "1"
    }
},
{
    "box" :
    {
        "fontname" : "Arial",

```

```

[ 279.5, 19.0, 82.0, 20.0 ],
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-12",
        "maxclass" : "newobj",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" :
            [ 279.5, 19.0, 82.0, 20.0 ],
        "text" : "r start_record"
    }
},
{
    "box" :
        [
            [
                {
                    "fontname" : "Arial",
                    "fontsize" : 12.0,
                    "id" : "obj-11",
                    "maxclass" : "newobj",
                    "numinlets" : 1,
                    "numoutlets" : 1,
                    "outlettype" : [ "bang" ],
                    "patching_rect" : [ 91.0,
                        44.0, 24.0, 20.0 ],
                    "text" : "t b"
                }
            ]
        ]
},
{
    "box" :
        [
            [
                {
                    "fontname" : "Arial",
                    "fontsize" : 12.0,
                    "id" : "obj-10",
                    "maxclass" : "newobj",
                    "numinlets" : 5,
                    "numoutlets" : 4,
                    "outlettype" : [ "int", "",
                        "", "int" ],
                    "patching_rect" : [ 91.0,
                        70.0, 152.0, 20.0 ],
                    "text" : "counter"
                }
            ]
        ]
},
{
    "box" :
        [
            [
                {
                    "fontname" : "Arial",
                    "fontsize" : 12.0,

```

```

    "" ],
    677.0, 105.0, 20.0 ],
    s" :

,
qvenilds_midi"

,
{
    776.0, 25.0, 25.0 ]

],
{
    0 ],

,
0 ],

    "id" : "obj-9",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 4,
    "outlettype" : [ "", "", "",
    "patching_rect" : [ 91.0,
    "saved_object_attribute
    {
        "embed" : 0
    }
    "text" : "coll
}

}
{
    "box" :
        "comment" : "",
        "id" : "obj-3",
        "maxclass" : "outlet",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 91.0,
    }

}
    "lines" : [
        "patchline" :
            "destination" : [ "obj-5",
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-1", 0 ]
        }
    }
    {
        "patchline" :
            "destination" : [ "obj-8",
            "disabled" : 0,

```

```

        "hidden" : 0,
        "source" : [ "obj-1", 0 ]
    }
}
,
{
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "midpoints" : [ 100.5,
                "source" : [ "obj-10", 0 ]
            ]
        }
}
,
{
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "midpoints" : [ 100.5,
                "source" : [ "obj-11", 0 ]
            ]
        }
}
,
{
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "midpoints" : [ 289.0,
                "source" : [ "obj-12", 0 ]
            ]
        }
}
,
{
    "patchline" :
        "destination" :
            "disabled" : 0,

```

["obj-20", 0],

90.0, 100.5, 90.0],

["obj-10", 0],

66.0, 100.5, 66.0],

["obj-18", 0],

39.0, 166.649994, 39.0],

["obj-99", 0],

```

"hidden" : 0,
"midpoints" : [ 289.0,
77.0, 253.5, 77.0, 253.5, 171.0, 178.5, 171.0, 178.5, 216.0, 145.5, 216.0, 145.5,
213.0, 117.25, 213.0 ],
"source" : [ "obj-12", 0 ]
}
}
{
"patchline" :
{
"destination" : [ "obj-7",
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-13", 0 ]
}
}
{
"patchline" :
{
"destination" :
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-14", 1 ]
}
}
{
"patchline" :
{
"destination" : [ "obj-3",
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-14", 0 ]
}
}
{
"patchline" :
{
"destination" :
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-15", 2 ]
}
}

```

```

    },
    {
      "patchline" :
        {
          "destination" :
            {
              "disabled" : 0,
              "hidden" : 0,
              "source" : [ "obj-15", 0 ]
            }
        }
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-9",
            {
              "disabled" : 0,
              "hidden" : 0,
              "source" : [ "obj-15", 1 ]
            }
          ]
        }
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-9",
            {
              "disabled" : 0,
              "hidden" : 0,
              "source" : [ "obj-16", 0 ]
            }
          ]
        }
    },
    {
      "patchline" :
        {
          "destination" : [ "obj-2",
            {
              "disabled" : 0,
              "hidden" : 0,
              "source" : [ "obj-17", 0 ]
            }
          ]
        }
    },
    {
      "patchline" :
        {
          "destination" :
```

```

[ "obj-10", 2 ],
                                "disabled" : 0,
                                "hidden" : 0,
                                "midpoints" :
[ 166.649994, 63.0, 167.0, 63.0 ],
                                "source" : [ "obj-18", 0 ]
                                }
                                }
                                {
                                "patchline" :
                                "destination" :
                                "disabled" : 0,
                                "hidden" : 0,
                                "source" : [ "obj-19", 0 ]
                                }
                                }
                                {
                                "patchline" :
                                "destination" :
                                "disabled" : 0,
                                "hidden" : 0,
                                "source" : [ "obj-2", 0 ]
                                }
                                }
                                {
                                "patchline" :
                                "destination" : [ "obj-9",
                                "disabled" : 0,
                                "hidden" : 0,
                                "midpoints" : [ 100.5,
                                "source" : [ "obj-20", 0 ]
                                }
                                }
                                {
                                "patchline" :
                                "destination" :
                                "disabled" : 0,

```

```

150.0, 34.5, 150.0, 34.5, 156.0, 32.0, 156.0 ],
    "hidden" : 0,
    "midpoints" : [ 100.5,
    "source" : [ "obj-20", 0 ]
    }
    },
    {
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-22", 0 ]
        }
    },
    {
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-22", 0 ]
        }
    },
    {
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-23", 0 ]
        }
    },
    {
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-24", 0 ]
        }
    }
    ],
    [ "obj-28", 4 ],
    [ "obj-37", 0 ],
    [ "obj-19", 0 ],
    [ "obj-15", 0 ],

```

```

    },
    {
      "patchline" :
        "destination" :
          "disabled" : 0,
          "hidden" : 0,
          "source" : [ "obj-24", 0 ]
    }
  },
  {
    "patchline" :
      "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-25", 0 ]
    }
  },
  {
    "patchline" :
      "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-26", 0 ]
    }
  },
  {
    "patchline" :
      "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-28", 0 ]
    }
  },
  {
    "patchline" :
      "destination" :
```

["obj-41", 0],

["obj-29", 0],

["obj-73", 1],

["obj-69", 0],

["obj-48", 0],

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-29", 0 ]
    }
}
{
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-31", 0 ]
        }
}
{
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-31", 0 ]
        }
}
{
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-31", 0 ]
        }
}
{
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-31", 0 ]
        }
}
{
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-31", 0 ]
        }
}
}

```

,
 ["obj-13", 1],
 ,
 ["obj-23", 0],
 ,
 ["obj-37", 1],
 ,
 ["obj-38", 0],

```
, {
    "patchline" :
    {
        "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-32", 0 ]
    }
},
{
    "patchline" :
    {
        "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-33", 0 ]
    }
},
{
    "patchline" :
    {
        "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-33", 1 ]
    }
},
{
    "patchline" :
    {
        "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-34", 0 ]
    }
},
{
    "patchline" :
    {
        "destination" :
        "disabled" : 0,
```

```

    "hidden" : 0,
    "source" : [ "obj-34", 0 ]
  }
}
,
{
  "patchline" :
    "destination" :
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-36", 0 ]
    }
}
,
{
  "patchline" :
    "destination" :
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-37", 0 ]
    }
}
,
{
  "patchline" :
    "destination" :
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-38", 0 ]
    }
}
,
{
  "patchline" :
    "destination" :
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-4", 0 ]
    }
}
,
```

```

[ "obj-75", 0 ],
{
    "patchline" :
    {
        "destination" :
        {
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-4", 0 ]
        }
    }
},
{
    "patchline" :
    {
        "destination" :
        {
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-40", 0 ]
        }
    }
},
{
    "patchline" :
    {
        "destination" :
        {
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-41", 0 ]
        }
    }
},
{
    "patchline" :
    {
        "destination" :
        {
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-43", 0 ]
        }
    }
},
{
    "patchline" :
    {
        "destination" :
        {
            "disabled" : 0,
            "hidden" : 0,

```

```

    "source" : [ "obj-43", 0 ]
  }
},
{
  "patchline" :
    "destination" : [ "obj-7",
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-43", 0 ]
    }
},
{
  "patchline" :
    "destination" :
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-45", 0 ]
    }
},
{
  "patchline" :
    "destination" : [ "obj-9",
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-45", 0 ]
    }
},
{
  "patchline" :
    "destination" :
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-47", 0 ]
    }
},
{
  "patchline" :
```

```
[ "obj-19", 0 ],
    {
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-48", 0 ]
    }
},
{
    "patchline" :
        {
            "destination" : [ "obj-2",
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-5", 0 ]
            }
        }
},
{
    "patchline" :
        {
            "destination" : [ "obj-2",
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-6", 0 ]
            }
        }
},
{
    "patchline" :
        {
            "destination" :
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-61", 0 ]
            }
        }
},
{
    "patchline" :
        {
            "destination" :
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-62", 0 ]
            }
        }
}
```

```

    }
  }
  ,
  {
    [ "obj-65", 0 ],
    "patchline" :
      "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-64", 0 ]
      }
  }
  ,
  {
    [ "obj-41", 0 ],
    "patchline" :
      "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-67", 0 ]
      }
  }
  ,
  {
    [ "obj-31", 0 ],
    "patchline" :
      "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-69", 0 ]
      }
  }
  ,
  {
    [ "obj-47", 0 ],
    "patchline" :
      "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-7", 0 ]
      }
  }
  ,
  {
    "patchline" :
```

["obj-72", 0],

"destination" :

```
"disabled" : 0,  
"hidden" : 0,  
"source" : [ "obj-70", 0 ]
```

}

}

{

,

"patchline" :

{

"destination" :

```
"disabled" : 0,  
"hidden" : 0,  
"source" : [ "obj-72", 0 ]
```

}

$$\}$$

{

,

"patchline" :

{

"destination" :

```
"disabled" : 0,  
"hidden" : 0,  
"source" : [ "obj-73", 0 ]
```

}

}

 $\{$

,

"patchline" :

{

"destination" :

```
"disabled" : 0,  
"hidden" : 0,  
"source" : [ "obj-75", 0 ]
```

}

}

 $\{$

,

"patchline" :

{

"destination" :

```
"disabled" : 0,  
"hidden" : 0,  
"source" : [ "obj-76", 0 ]
```

}

```
[ "obj-81", 0 ],
```

```

    },
    {
        "patchline" :
            {
                "destination" : [ "obj-6",
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-8", 0 ]
            }
    }
},
{
    "patchline" :
        {
            "destination" :
                {
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-81", 1 ]
                }
        }
},
{
    "patchline" :
        {
            "destination" :
                {
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-83", 0 ]
                }
        }
},
{
    "patchline" :
        {
            "destination" :
                {
                    "disabled" : 0,
                    "hidden" : 0,
                    "source" : [ "obj-83", 0 ]
                }
        }
},
{
    "patchline" :
        {
            "destination" :

```

```
[ "obj-43", 0 ],
```

```
"disabled" : 0,  
"hidden" : 0,  
"source" : [ "obj-84", 0 ]
```

}

}

{

,

"patchline" :

 $\{$

"destination" :

```
[ "obj-14", 1 ],
```

```
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-9", 0 ]
```

}

}

{

,

"patchline" :

 $\{$

"destination" :

```
[ "obj-11", 0 ],
```

```
"disabled" : 0,  
"hidden" : 0,  
"midpoints" : [ 101.0,
```

39.0, 100.5, 39.0],

```
"source" : [ "obj-96", 0 ]
```

}

}

 $\{$

,

"patchline" :

 $\{$

"destination" :

```
[ "obj-20", 1 ],
```

```
"disabled" : 0,  
"hidden" : 0,  
"source" : [ "obj-97", 0 ]
```

}

}

 $\{$

,

"patchline" :

{

```
"destination" : [ "obj-9",
```

0],

```
"disabled" : 0,  
"hidden" : 0,  
"midpoints" : [ 117.25,
```

366.0, 100.5, 366.0],

"source" : ["obj-99", 0]

}

}

]

}

,

"patching_rect" : [48.5, 575.5, 55.0, 20.0],

"saved_object_attributes" :

{

"default_fontface" : 0,

"default_fontname" : "Arial",

"default_fontsize" : 12.0,

"description" : "",

"digest" : "",

"fontface" : 0,

"fontname" : "Arial",

"fontsize" : 12.0,

"globalpatchername" : "",

"tags" : ""

}

,

"text" : "p collect"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-15",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 0,

"patching_rect" : [48.5, 667.5, 49.0, 20.0],

"presentation" : 1,

"presentation_rect" : [173.5, 185.5, 49.0, 20.0],

"text" : "midiout"

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-14",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 0,

```

    "patcher" :
    {
        "fileversion" : 1,
        "appversion" :

            {
                "major" : 6,
                "minor" : 1,
                "revision" : 8,
                "architecture" : "x86"
            }
    },

    "rect" : [ 29.0, 69.0, 640.0, 480.0 ],
    "bglocked" : 0,
    "openinpresentation" : 0,
    "default_fontsize" : 12.0,
    "default_fontface" : 0,
    "default_fontname" : "Arial",
    "gridonopen" : 0,
    "gridsize" : [ 15.0, 15.0 ],
    "gridsnaponopen" : 0,
    "statusbarvisible" : 2,
    "toolbarvisible" : 1,
    "boxanimatetime" : 200,
    "imprint" : 0,
    "enablehscroll" : 1,
    "enablevscroll" : 1,
    "devicewidth" : 0.0,
    "description" : "",
    "digest" : "",
    "tags" : "",
    "boxes" : [

        {
            "box" :

                {
                    "fontname" : "Arial",
                    "fontsize" : 12.0,
                    "id" : "obj-6",
                    "maxclass" : "newobj",
                    "numinlets" : 2,
                    "numoutlets" : 2,
                    "outlettype" : [ "", "" ],
                    "patching_rect" : [ 50.0,
156.0, 41.0, 20.0 ],
                    "text" : "zl join"
                }

        },
        {
            "box" :

                {
                    "fontname" : "Arial",

```

```

"bang" ],

[ 397.200012, 150.0, 130.0, 20.0 ]

,

{

"box" :

{
"fontname" : "Arial",
"fontsize" : 12.0,
"id" : "obj-2",
"maxclass" : "newobj",
"numinlets" : 0,
"numoutlets" : 1,
"outlettype" : [ "" ],
"patching_rect" :

"text" : "r stop_record"

}

}

{

"box" :

{
"fontname" : "Arial",
"fontsize" : 12.0,
"id" : "obj-112",
"maxclass" :

"numinlets" : 2,
"numoutlets" : 1,
"outlettype" : [ "" ],
"patching_rect" :

"text" : "stop"

}

}

{

"box" :

{id" : "obj-105",

```

```

[ 397.200012, 99.0, 20.0, 20.0 ]
    {
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" :
    }

    }
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-103",
                "maxclass" : "newobj",
                "numinlets" : 2,
                "numoutlets" : 1,
                "outlettype" : [ "float" ],
                "patching_rect" :
                    [ 397.200012, 127.0, 49.0, 20.0 ],
                "text" : "clocker"
            }
        }
    }
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-1",
                "maxclass" : "newobj",
                "numinlets" : 0,
                "numoutlets" : 1,
                "outlettype" : [ "" ],
                "patching_rect" :
                    [ 397.200012, 45.0, 82.0, 20.0 ],
                "text" : "r start_record"
            }
        }
    }
    {
        "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-92",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 0,

```

```
6,
1,
: 8,
ure" : "x86"
,
290.0, 640.0, 480.0 ],
ion" : 0,
" : 12.0,
" : 0,
e" : "Arial",
[ 15.0, 15.0 ],
" : 0,
: 2,
1,
" : 200,
1,
1,
0.0,
```

```

{
    "patcher" :
    {
        "fileversion" : 1,
        "appversion" :
        {
            "major" :
            "minor" :
            "revision"
            "architect
        }
        "rect" : [ 540.0,
        "bglocked" : 0,
        "openinpresentat
        "default_fontsize
        "default_fontface
        "default_fontnam
        "gridonopen" : 0,
        "gridsize" :
        "gridsnaponopen
        "statusbarvisible"
        "toolbarvisible" :
        "boxanimatetime
        "imprint" : 0,
        "enablehscroll" :
        "enablevscroll" :
        "devicewidth" :
        "description" : "",
        "digest" : "",
        "tags" : "",
        "boxes" : [
        {
            "bo
```

```

x" : {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-6",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 30.0, 294.0, 51.0, 20.0 ],
    "text" : "print rot"
}
},
{
    "bo
{
x" :
    "id" : "obj-4",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 20.0, 117.0, 20.0, 20.0 ]
}
},
{
    "bo
{
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-2",
    "maxclass" : "newobj",

```

```

    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 193.0, 308.0, 55.0, 20.0 ],
    "text" : "s topack"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-1",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 108.0, 307.0, 57.0, 20.0 ],
    "text" : "s tobang"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-69",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],

```

```

    "patching_rect" : [ 61.75, 227.0, 51.0, 20.0 ],
    "text" : "zl rot -1"
  }
},
{
  "bo
x" :
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "frgb" : 0.0,
    "id" : "obj-67",
    "maxclass" : "comment",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 223.0, 199.0, 143.0, 20.0 ],
    "text" : "varighet, pitch, dynamikk"
  }
},
{
  "bo
x" :
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-64",
    "maxclass" : "newobj",
    "numinlets" : 4,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 61.75, 199.0, 154.0, 20.0 ],

```

```

        "text" : "pack 0 0 0 0"
    }
},
{
    "bo
x" :
    {
        "id" : "obj-63",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 67.0, 118.0, 20.0, 20.0 ]
    }
},
{
    "bo
x" :
    {
        "id" : "obj-61",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 50.0, 118.0, 20.0, 20.0 ]
    }
},
{
    "bo
x" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-58",

```

```

    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "float", "" ],
    "patching_rect" : [ 50.0, 140.0, 37.0, 20.0 ],
    "text" : "timer"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-57",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 144.5, 140.0, 37.0, 18.0 ],
    "text" : "set a"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-47",
    "maxclass" : "newobj",

```

```

    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 142.5, 98.0, 41.0, 20.0 ],
    "text" : "r out2"
  }
},
{
  "bo
{
  "fontname" : "Arial",
  "fontsize" : 12.0,
  "id" : "obj-13",
  "maxclass" : "message",
  "numinlets" : 2,
  "numoutlets" : 1,
  "outlettype" : [ "" ],
  "patching_rect" : [ 92.0, 98.0, 43.0, 18.0 ],
  "text" : "set $1"
}
},
{
  "bo
{
  "fontname" : "Arial",
  "fontsize" : 12.0,
  "id" : "obj-5",
  "maxclass" : "newobj",
  "numinlets" : 1,

```

```

    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 92.0, 70.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 92.0, 138.0, 43.0, 20.0 ],
    "text" : "match"
  }
},
{
  "bo
  {
    "comment" : "",
    "id" : "obj-81",
    "maxclass" : "inlet",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],

```

```

        "patching_rect" : [ 92.0, 40.0, 25.0, 25.0 ]
    }
}
],
    "lines" : [
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 117.0, 101.5, 117.0 ],
        "source" : [ "obj-13", 0 ]
    }
}
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-61", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 117.0, 87.0, 117.0, 87.0, 114.0, 59.5, 114.0 ],
        "source" : [ "obj-13", 0 ]
    }
}
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-57", 0 ],
        "disabled" : 0,
        "hidden" : 0,

```

```

        "midpoints" : [ 101.5, 159.0, 141.0, 159.0, 141.0, 135.0, 154.0, 135.0 ],
        "source" : [ "obj-21", 0 ]
    }
},
{
    "path" : "pa
tchline" :
    {
        "destination" : [ "obj-63", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 159.0, 87.0, 159.0, 87.0, 114.0, 76.5, 114.0 ],
        "source" : [ "obj-21", 0 ]
    }
},
{
    "path" : "pa
tchline" :
    {
        "destination" : [ "obj-64", 2 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
},
{
    "path" : "pa
tchline" :
    {
        "destination" : [ "obj-64", 0 ],
        "disabled" : 0,
        "hidden" : 0,

```

```

        "source" : [ "obj-4", 0 ]
    }
}
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 152.0, 120.0, 101.5, 120.0 ],
        "source" : [ "obj-47", 0 ]
    }
}
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-13", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 90.0, 101.5, 90.0 ],
        "source" : [ "obj-5", 0 ]
    }
}
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-64", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-5", 2 ]
    }
}

```

```

    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-64", 3 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-5", 1 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 154.0, 159.0, 135.0, 159.0, 135.0, 135.0, 101.5, 135.0 ],
    "source" : [ "obj-57", 0 ]
  }
}
,
{
  "pa
tchline" :
  {
    "destination" : [ "obj-64", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 59.5, 192.0, 71.25, 192.0 ],
    "source" : [ "obj-58", 0 ]
  }
}

```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-58", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 59.5, 138.0, 59.5, 138.0 ],
        "source" : [ "obj-61", 0 ]
    }
},
"pa
```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-58", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 76.5, 138.0, 77.5, 138.0 ],
        "source" : [ "obj-63", 0 ]
    }
},
"pa
```

```
    },
    "tchline" :
    {
        "destination" : [ "obj-69", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 71.25, 219.0, 71.25, 219.0 ],
        "source" : [ "obj-64", 0 ]
    }
},
"pa
```

```

    }
  }
  ,
  "pa
tchline" :
  {
    "destination" : [ "obj-1", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 71.25, 294.0, 117.5, 294.0 ],
    "source" : [ "obj-69", 0 ]
  }
}
,
"pa
tchline" :
  {
    "destination" : [ "obj-2", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 71.25, 294.0, 202.5, 294.0 ],
    "source" : [ "obj-69", 0 ]
  }
}
,
"pa
tchline" :
  {
    "destination" : [ "obj-6", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-69", 0 ]
  }
}

```

```

    },
    "patching_rect" :
    {
        "x" : 480.900024,
        "y" : 303.0,
        "width" : 53.0,
        "height" : 20.0,
        "text" : "p match"
    },
    "saved_object_attributes" :
    {
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    },
    "text" : "p match"
},
{
    "box" :
    {
        "destination" : [ "obj-5", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 66.0, 101.5, 66.0 ],
        "source" : [ "obj-81", 0 ]
    }
}
]
}

```

6,
1,
: 8,
ure" : "x86"
,
290.0, 640.0, 480.0],

ion" : 0,
" : 12.0,
" : 0,
e" : "Arial",

[15.0, 15.0],
" : 0,
: 2,
1,
" : 200,

1,
1,
0.0,

```
{  
    "fontname" : "Arial",  
    "fontsize" : 12.0,  
    "id" : "obj-93",  
    "maxclass" : "newobj",  
    "numinlets" : 1,  
    "numoutlets" : 0,  
    "patcher" :  
        {  
            "fileversion" : 1,  
            "appversion" :  
                {  
                    "major" :  
                        "minor" :  
                            "revision"  
                                "architect  
                }  
            "rect" : [ 540.0,  
                "bglocked" : 0,  
                "openinpresentat  
            "default_fontsize  
            "default_fontface  
            "default_fontnam  
            "gridonopen" : 0,  
            "gridsize" :  
            "gridsnaponopen  
            "statusbarvisible"  
            "toolbarvisible" :  
            "boxanimatetime  
            "imprint" : 0,  
            "enablehscroll" :  
            "enablevscroll" :  
            "devicewidth" :
```

```

    "description" : "",
    "digest" : "",
    "tags" : "",
    "boxes" : [
      {
        "x" : 100,
        "y" : 100,
        "w" : 100,
        "h" : 100,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-6",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 30.0, 294.0, 51.0, 20.0 ],
        "text" : "print rot"
      }
    ]
  },
  {
    "x" : 100,
    "y" : 100,
    "w" : 100,
    "h" : 100,
    "id" : "obj-4",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 20.0, 117.0, 20.0, 20.0 ]
  }
],
  {
    "x" : 100,
    "y" : 100,
    "w" : 100,
    "h" : 100,
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-5",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 30.0, 294.0, 51.0, 20.0 ],
    "text" : "print rot"
  }
]
}

```

```

        "fontsize" : 12.0,
        "id" : "obj-2",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 193.0, 308.0, 55.0, 20.0 ],
        "text" : "s topack"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-1",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 108.0, 307.0, 57.0, 20.0 ],
        "text" : "s tobang"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-69",
        "maxclass" : "newobj",

```

```

    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 61.75, 227.0, 51.0, 20.0 ],
    "text" : "zl rot -1"
  }
},
{
  "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "frgb" : 0.0,
    "id" : "obj-67",
    "maxclass" : "comment",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 223.0, 199.0, 143.0, 20.0 ],
    "text" : "varighet, pitch, dynamikk"
  }
},
{
  "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-64",
    "maxclass" : "newobj",
    "numinlets" : 4,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 61.75, 199.0, 154.0, 20.0 ],
        "text" : "pack 0 0 0 0"
    }
},
{
    "bo
    {
        "id" : "obj-63",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 67.0, 118.0, 20.0, 20.0 ]
    }
},
{
    "bo
    {
        "id" : "obj-61",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 50.0, 118.0, 20.0, 20.0 ]
    }
},
{
    "bo
    {

```

```

    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-58",

    "maxclass" : "newobj",

    "numinlets" : 2,

    "numoutlets" : 2,

    "outlettype" : [ "float", "" ],

    "patching_rect" : [ 50.0, 140.0, 37.0, 20.0 ],

    "text" : "timer"
    }
},
{
    "bo
{

    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-57",

    "maxclass" : "message",

    "numinlets" : 2,

    "numoutlets" : 1,

    "outlettype" : [ "" ],

    "patching_rect" : [ 144.5, 140.0, 37.0, 18.0 ],

    "text" : "set a"
    }
},
{
    "bo
{

    "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-47",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 142.5, 98.0, 41.0, 20.0 ],
    "text" : "r out2"
    }
  }
,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-13",
      "maxclass" : "message",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 92.0, 98.0, 43.0, 18.0 ],
      "text" : "set $1"
    }
  }
,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,

```

```

    "id" : "obj-5",

    "maxclass" : "newobj",

    "numinlets" : 1,

    "numoutlets" : 3,

    "outlettype" : [ "int", "int", "int" ],

    "patching_rect" : [ 92.0, 70.0, 79.0, 20.0 ],

    "text" : "unpack 0 0 0"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",

      "fontsize" : 12.0,

      "id" : "obj-21",

      "maxclass" : "newobj",

      "numinlets" : 1,

      "numoutlets" : 1,

      "outlettype" : [ "" ],

      "patching_rect" : [ 92.0, 138.0, 43.0, 20.0 ],

      "text" : "match"
    }
  }
  {
    "bo
    {
      "comment" : "",

      "id" : "obj-81",

      "maxclass" : "inlet",

```

```

    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 92.0, 40.0, 25.0, 25.0 ]
  }
},
  "lines" : [
    {
      "patching_rect" : [ 101.5, 117.0, 25.0, 25.0 ],
      "tchline" :
      {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 117.0, 101.5, 117.0 ],
        "source" : [ "obj-13", 0 ]
      }
    }
  ],
  "lines" : [
    {
      "patching_rect" : [ 101.5, 117.0, 25.0, 25.0 ],
      "tchline" :
      {
        "destination" : [ "obj-61", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 117.0, 87.0, 117.0, 87.0, 114.0, 59.5, 114.0 ],
        "source" : [ "obj-13", 0 ]
      }
    }
  ],
  "lines" : [
    {
      "patching_rect" : [ 101.5, 117.0, 25.0, 25.0 ],
      "tchline" :
      {

```

```

        "destination" : [ "obj-57", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 159.0, 141.0, 159.0, 141.0, 135.0, 154.0, 135.0 ],
        "source" : [ "obj-21", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-63", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 159.0, 87.0, 159.0, 87.0, 114.0, 76.5, 114.0 ],
        "source" : [ "obj-21", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-64", 2 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
},
    {
        "pa
tchline" :
    {

```

```
"destination" : [ "obj-64", 0 ],
"disabled" : 0,
"hidden" : 0,
"source" : [ "obj-4", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 152.0, 120.0, 101.5, 120.0 ],
        "source" : [ "obj-47", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-13", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 90.0, 101.5, 90.0 ],
        "source" : [ "obj-5", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-64", 1 ],
```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-5", 2 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-64", 3 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-5", 1 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 154.0, 159.0, 135.0, 159.0, 135.0, 135.0, 101.5, 135.0 ],
        "source" : [ "obj-57", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-64", 0 ],
        "disabled" : 0,

```

```

        "hidden" : 0,

        "midpoints" : [ 59.5, 192.0, 71.25, 192.0 ],

        "source" : [ "obj-58", 0 ]
    }
},
{
    "pa

tchline" :
{

    "destination" : [ "obj-58", 0 ],

    "disabled" : 0,

    "hidden" : 0,

    "midpoints" : [ 59.5, 138.0, 59.5, 138.0 ],

    "source" : [ "obj-61", 0 ]
}
},
{
    "pa

tchline" :
{

    "destination" : [ "obj-58", 1 ],

    "disabled" : 0,

    "hidden" : 0,

    "midpoints" : [ 76.5, 138.0, 77.5, 138.0 ],

    "source" : [ "obj-63", 0 ]
}
},
{
    "pa

tchline" :
{

    "destination" : [ "obj-69", 0 ],

    "disabled" : 0,

```

```

        "hidden" : 0,

        "midpoints" : [ 71.25, 219.0, 71.25, 219.0 ],

        "source" : [ "obj-64", 0 ]
    }
},
{
    "pa

tchline" :
{

    "destination" : [ "obj-1", 0 ],

    "disabled" : 0,

    "hidden" : 0,

    "midpoints" : [ 71.25, 294.0, 117.5, 294.0 ],

    "source" : [ "obj-69", 0 ]
}
},
{
    "pa

tchline" :
{

    "destination" : [ "obj-2", 0 ],

    "disabled" : 0,

    "hidden" : 0,

    "midpoints" : [ 71.25, 294.0, 202.5, 294.0 ],

    "source" : [ "obj-69", 0 ]
}
},
{
    "pa

tchline" :
{

    "destination" : [ "obj-6", 0 ],

```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-69", 0 ]
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-5", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 66.0, 101.5, 66.0 ],
        "source" : [ "obj-81", 0 ]
    }
}

]
,
[ 439.900024, 324.0, 53.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",
,
    "patching_rect" :
    "saved_object_attribute
    {
        "default_fontface
        "default_fontnam
        "default_fontsize
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" :
        "fontsize" : 12.0,
        "globalpatcherna
        "tags" : ""
    }
    "text" : "p match"

```

```

        }
    }
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-94",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 0,
            "patcher" :
            {
                "fileversion" : 1,
                "appversion" :
                {
                    "major" :
                    6,
                    "minor" :
                    1,
                    "revision" :
                    8,
                    "architect
                    ure" : "x86"
                }
            },
            "rect" : [ 540.0,
            290.0, 640.0, 480.0 ],
            "bglocked" : 0,
            "openinpresentat
            ion" : 0,
            "default_fontsize
            " : 12.0,
            "default_fontface
            " : 0,
            "default_fontnam
            e" : "Arial",
            "gridonopen" : 0,
            "gridsize" :
            [ 15.0, 15.0 ],
            "gridsnaponopen
            " : 0,
            "statusbarvisible"
            : 2,
            "toolbarvisible" :
            1,
            "boxanimatetime
            " : 200,
            "imprint" : 0,

```

```

1,
1,
0.0,

x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-6",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 30.0, 294.0, 51.0, 20.0 ],
    "text" : "print rot"
    }
},
x" :
    "id" : "obj-4",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 20.0, 117.0, 20.0, 20.0 ]
    }
}

"enablehscroll" :
"enablevscroll" :
"devicewidth" :
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{
    "bo
{
}
}
"bo
{
}
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-2",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 193.0, 308.0, 55.0, 20.0 ],
    "text" : "s topack"
},
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-1",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 108.0, 307.0, 57.0, 20.0 ],
    "text" : "s tobang"
},
x" :
    "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-69",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 61.75, 227.0, 51.0, 20.0 ],
    "text" : "zl rot -1"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "frgb" : 0.0,
        "id" : "obj-67",
        "maxclass" : "comment",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 223.0, 199.0, 143.0, 20.0 ],
        "text" : "varighet, pitch, dynamikk"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,

```

```

    "id" : "obj-64",
    "maxclass" : "newobj",
    "numinlets" : 4,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 61.75, 199.0, 154.0, 20.0 ],
    "text" : "pack 0 0 0 0"
    }
  }
  {
    "bo
    {
      "id" : "obj-63",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 67.0, 118.0, 20.0, 20.0 ]
    }
  }
  {
    "bo
    {
      "id" : "obj-61",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 50.0, 118.0, 20.0, 20.0 ]
    }
  }

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-58",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "float", "" ],
    "patching_rect" : [ 50.0, 140.0, 37.0, 20.0 ],
    "text" : "timer"
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-57",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 144.5, 140.0, 37.0, 18.0 ],
    "text" : "set a"
}

```

```

}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-47",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 142.5, 98.0, 41.0, 20.0 ],
    "text" : "r out2"
},
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-13",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 92.0, 98.0, 43.0, 18.0 ],
    "text" : "set $1"
},

```

```

x" : {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-5",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 92.0, 70.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
}
,
{
    "bo
{
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 92.0, 138.0, 43.0, 20.0 ],
    "text" : "match"
}
,
{
    "bo
{
x" :

```

```

        "comment" : "",
        "id" : "obj-81",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 92.0, 40.0, 25.0, 25.0 ]
    }
},
    "lines" : [
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 117.0, 101.5, 117.0 ],
        "source" : [ "obj-13", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-61", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 117.0, 87.0, 117.0, 87.0, 114.0, 59.5, 114.0 ],
        "source" : [ "obj-13", 0 ]
    }
}

```

```

    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-57", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 159.0, 141.0, 159.0, 141.0, 135.0, 154.0, 135.0 ],
        "source" : [ "obj-21", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-63", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 159.0, 87.0, 159.0, 87.0, 114.0, 76.5, 114.0 ],
        "source" : [ "obj-21", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-64", 2 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
}

```

```
    },
    {
      "path": "pa",
      "tchline" :
      {
        "destination" : [ "obj-64", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-4", 0 ]
      }
    }
  ],
  {
    "path": "pa",
    "tchline" :
    {
      "destination" : [ "obj-21", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "midpoints" : [ 152.0, 120.0, 101.5, 120.0 ],
      "source" : [ "obj-47", 0 ]
    }
  },
  {
    "path": "pa",
    "tchline" :
    {
      "destination" : [ "obj-13", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "midpoints" : [ 101.5, 90.0, 101.5, 90.0 ],
      "source" : [ "obj-5", 0 ]
    }
  }
}
```

```

,
{
    "pa
tchline" :
{
    "destination" : [ "obj-64", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-5", 2 ]
}
}
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-64", 3 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-5", 1 ]
}
}
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 154.0, 159.0, 135.0, 159.0, 135.0, 135.0, 101.5, 135.0 ],
    "source" : [ "obj-57", 0 ]
}
}
,
{
    "pa
tchline" :

```

```

{
  "destination" : [ "obj-64", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "midpoints" : [ 59.5, 192.0, 71.25, 192.0 ],
  "source" : [ "obj-58", 0 ]
},
{
  "pa
tchline" :
  {
    "destination" : [ "obj-58", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 59.5, 138.0, 59.5, 138.0 ],
    "source" : [ "obj-61", 0 ]
  },
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-58", 1 ],
      "disabled" : 0,
      "hidden" : 0,
      "midpoints" : [ 76.5, 138.0, 77.5, 138.0 ],
      "source" : [ "obj-63", 0 ]
    },
    {
      "pa

```

```

tchline" :
{
    "destination" : [ "obj-69", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 71.25, 219.0, 71.25, 219.0 ],
    "source" : [ "obj-64", 0 ]
}
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-1", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 71.25, 294.0, 117.5, 294.0 ],
    "source" : [ "obj-69", 0 ]
}
,
{
    "pa
tchline" :
{
    "destination" : [ "obj-2", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 71.25, 294.0, 202.5, 294.0 ],
    "source" : [ "obj-69", 0 ]
}
,
{

```

```

"pa
tchline" :
{
    "destination" : [ "obj-6", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-69", 0 ]
}
}
"pa
tchline" :
{
    "destination" : [ "obj-5", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 101.5, 66.0, 101.5, 66.0 ],
    "source" : [ "obj-81", 0 ]
}
}
]
}
,
"patching_rect" :
"saved_object_attribute
{
    "default_fontface
    "default_fontnam
    "default_fontsize
    "description" : "",
    "digest" : "",
    "fontface" : 0,
    "fontname" :
    "Arial",
    "fontsize" : 12.0,
    [ 397.200012, 303.0, 53.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,
"Arial",

```

```

me" : "",
,
,
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-88",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
            {
                "major" :
                "minor" :
                "revision"
                "architect
            }
            "rect" : [ 540.0,
            "bglocked" : 0,
            "openinpresentat
            "default_fontsize
            "default_fontface
            "default_fontnam
            "gridonopen" : 0,
            "gridsize" :
            "gridsnaponopen
            "statusbarvisible"

```

```
: 2,  
1,  
" : 200,
```

```
1,  
1,  
0.0,
```

```
x" :
```

```
  "fontname" : "Arial",  
  "fontsize" : 12.0,  
  "id" : "obj-6",  
  "maxclass" : "newobj",  
  "numinlets" : 1,  
  "numoutlets" : 0,  
  "patching_rect" : [ 30.0, 294.0, 51.0, 20.0 ],  
  "text" : "print rot"
```

```
,  
x" :
```

```
  "id" : "obj-4",  
  "maxclass" : "button",  
  "numinlets" : 1,  
  "numoutlets" : 1,
```

```
  "toolbarvisible" :  
  "boxanimatetime  
  "imprint" : 0,  
  "enablehscroll" :  
  "enablevscroll" :  
  "devicewidth" :  
  "description" : "",  
  "digest" : "",  
  "tags" : "",  
  "boxes" : [  
  {  
    "bo  
  {
```

```
    }  
  }  
  {  
    "bo  
  {
```

```

    "outlettype" : [ "bang" ],
    "patching_rect" : [ 20.0, 117.0, 20.0, 20.0 ]
  },
  "x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-2",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 193.0, 308.0, 55.0, 20.0 ],
    "text" : "s topack"
  },
  "x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-1",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 108.0, 307.0, 57.0, 20.0 ],
    "text" : "s tobang"
  }
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-69",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 61.75, 227.0, 51.0, 20.0 ],
    "text" : "zl rot -1"
    }
}
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "frgb" : 0.0,
    "id" : "obj-67",
    "maxclass" : "comment",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 223.0, 199.0, 143.0, 20.0 ],
    "text" : "varighet, pitch, dynamikk"
    }
}
,
"bo
{

```

```

x" : {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-64",
    "maxclass" : "newobj",
    "numinlets" : 4,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 61.75, 199.0, 154.0, 20.0 ],
    "text" : "pack 0 0 0 0"
}
,
{
    "bo
{
    "id" : "obj-63",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 67.0, 118.0, 20.0, 20.0 ]
}
,
{
    "bo
{
    "id" : "obj-61",
    "maxclass" : "button",
    "numinlets" : 1,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 50.0, 118.0, 20.0, 20.0 ]
    }
},
{
    "bo
    {
        x" :
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-58",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 2,
            "outlettype" : [ "float", "" ],
            "patching_rect" : [ 50.0, 140.0, 37.0, 20.0 ],
            "text" : "timer"
        }
    }
},
{
    "bo
    {
        x" :
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-57",
            "maxclass" : "message",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "" ],

```

```

    "patching_rect" : [ 144.5, 140.0, 37.0, 18.0 ],
    "text" : "set a"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-47",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 142.5, 98.0, 41.0, 20.0 ],
    "text" : "r out2"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-13",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 92.0, 98.0, 43.0, 18.0 ],

```

```

    "text" : "set $1"
    }
  }
  ,
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-5",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 92.0, 70.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
  }
  }
  ,
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 92.0, 138.0, 43.0, 20.0 ],
    "text" : "match"
  }

```

```

    },
    "x" :
    {
        "comment" : "",
        "id" : "obj-81",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 92.0, 40.0, 25.0, 25.0 ]
    }
],
"lines" : [
{
    "tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 117.0, 101.5, 117.0 ],
        "source" : [ "obj-13", 0 ]
    }
},
{
    "tchline" :
    {
        "destination" : [ "obj-61", 0 ],
        "disabled" : 0,

```

```

        "hidden" : 0,

        "midpoints" : [ 101.5, 117.0, 87.0, 117.0, 87.0, 114.0, 59.5, 114.0 ],

        "source" : [ "obj-13", 0 ]
    }
},
{
    "pa

tchline" :
{

    "destination" : [ "obj-57", 0 ],

    "disabled" : 0,

    "hidden" : 0,

    "midpoints" : [ 101.5, 159.0, 141.0, 159.0, 141.0, 135.0, 154.0, 135.0 ],

    "source" : [ "obj-21", 0 ]
}
},
{
    "pa

tchline" :
{

    "destination" : [ "obj-63", 0 ],

    "disabled" : 0,

    "hidden" : 0,

    "midpoints" : [ 101.5, 159.0, 87.0, 159.0, 87.0, 114.0, 76.5, 114.0 ],

    "source" : [ "obj-21", 0 ]
}
},
{
    "pa

tchline" :
{

    "destination" : [ "obj-64", 2 ],

    "disabled" : 0,

```

```

        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-64", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-4", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 152.0, 120.0, 101.5, 120.0 ],
        "source" : [ "obj-47", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-13", 0 ],
        "disabled" : 0,
        "hidden" : 0,

```

```

        "midpoints" : [ 101.5, 90.0, 101.5, 90.0 ],
        "source" : [ "obj-5", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-64", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-5", 2 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-64", 3 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-5", 1 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 154.0, 159.0, 135.0, 159.0, 135.0, 135.0, 101.5, 135.0 ],
        "source" : [ "obj-57", 0 ]
    }
}

```

```

    }
  }
  ,
  "pa
tchline" :
  {
    "destination" : [ "obj-64", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 59.5, 192.0, 71.25, 192.0 ],
    "source" : [ "obj-58", 0 ]
  }
}
,
"pa
tchline" :
  {
    "destination" : [ "obj-58", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 59.5, 138.0, 59.5, 138.0 ],
    "source" : [ "obj-61", 0 ]
  }
}
,
"pa
tchline" :
  {
    "destination" : [ "obj-58", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 76.5, 138.0, 77.5, 138.0 ],

```

```

        "source" : [ "obj-63", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-69", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 71.25, 219.0, 71.25, 219.0 ],
        "source" : [ "obj-64", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-1", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 71.25, 294.0, 117.5, 294.0 ],
        "source" : [ "obj-69", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-2", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 71.25, 294.0, 202.5, 294.0 ],

```

```

        "source" : [ "obj-69", 0 ]
    }
}
,
{
    "patching_rect" : [ 355.900024, 323.0, 53.0, 20.0 ],
    "tchline" :
    {
        "destination" : [ "obj-6", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-69", 0 ]
    }
},
{
    "patching_rect" : [ 355.900024, 323.0, 53.0, 20.0 ],
    "tchline" :
    {
        "destination" : [ "obj-5", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 66.0, 101.5, 66.0 ],
        "source" : [ "obj-81", 0 ]
    }
}
]
,
[ 355.900024, 323.0, 53.0, 20.0 ],
"s" :
" : 0,
e" : "Arial",
" : 12.0,
"patching_rect" :
"saved_object_attribute
{
    "default_fontface
    "default_fontnam
    "default_fontsize

```


[15.0, 15.0],

" : 0,

: 2,

1,

" : 200,

1,

1,

0.0,

x" :

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-6",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 0,

"patching_rect" : [30.0, 294.0, 51.0, 20.0],

"text" : "print rot"

,

x" :

"id" : "obj-4",

"gridonopen" : 0,
"gridsize" :

"gridsnaponopen

"statusbarvisible"

"toolbarvisible" :

"boxanimatetime

"imprint" : 0,
"enablehscroll" :

"enablevscroll" :

"devicewidth" :

"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{

"bo
{

}

}
{

"bo
{

```

    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 20.0, 117.0, 20.0, 20.0 ]
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-2",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 193.0, 308.0, 55.0, 20.0 ],
    "text" : "s topack"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-1",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,

```

```

    "patching_rect" : [ 108.0, 307.0, 57.0, 20.0 ],
    "text" : "s tobang"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-69",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 61.75, 227.0, 51.0, 20.0 ],
    "text" : "zl rot -1"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "frgb" : 0.0,
    "id" : "obj-67",
    "maxclass" : "comment",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 223.0, 199.0, 143.0, 20.0 ],

```

```

    "text" : "varighet, pitch, dynamikk"
    }
  }
  ,
  {
    "bo
x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-64",
      "maxclass" : "newobj",
      "numinlets" : 4,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 61.75, 199.0, 154.0, 20.0 ],
      "text" : "pack 0 0 0 0"
    }
  }
  ,
  {
    "bo
x" :
    {
      "id" : "obj-63",
      "maxclass" : "button",
      "numinlets" : 1,
      "numoutlets" : 1,
      "outlettype" : [ "bang" ],
      "patching_rect" : [ 67.0, 118.0, 20.0, 20.0 ]
    }
  }
  ,
  {
    "bo
x" :
    {

```

```

        "id" : "obj-61",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 50.0, 118.0, 20.0, 20.0 ]
    },
    {
        "bo
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-58",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 2,
            "outlettype" : [ "float", "" ],
            "patching_rect" : [ 50.0, 140.0, 37.0, 20.0 ],
            "text" : "timer"
        }
    },
    {
        "bo
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-57",
            "maxclass" : "message",

```

```

    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 144.5, 140.0, 37.0, 18.0 ],
    "text" : "set a"
  }
},
{
  "bo
{
  "fontname" : "Arial",
  "fontsize" : 12.0,
  "id" : "obj-47",
  "maxclass" : "newobj",
  "numinlets" : 0,
  "numoutlets" : 1,
  "outlettype" : [ "" ],
  "patching_rect" : [ 142.5, 98.0, 41.0, 20.0 ],
  "text" : "r out2"
}
},
{
  "bo
{
  "fontname" : "Arial",
  "fontsize" : 12.0,
  "id" : "obj-13",
  "maxclass" : "message",
  "numinlets" : 2,

```

```

    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 92.0, 98.0, 43.0, 18.0 ],
    "text" : "set $1"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-5",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 92.0, 70.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,

```

```

"outlettype" : [ "" ],

"patching_rect" : [ 92.0, 138.0, 43.0, 20.0 ],

"text" : "match"

},

{

"bo

x" :

{

"comment" : "",

"id" : "obj-81",

"maxclass" : "inlet",

"numinlets" : 0,

"numoutlets" : 1,

"outlettype" : [ "" ],

"patching_rect" : [ 92.0, 40.0, 25.0, 25.0 ]

},

},

"lines" : [

{

"pa

tchline" :

{

"destination" : [ "obj-21", 0 ],

"disabled" : 0,

"hidden" : 0,

"midpoints" : [ 101.5, 117.0, 101.5, 117.0 ],

"source" : [ "obj-13", 0 ]

},

},

{

"pa

tchline" :

```

```

{
  "destination" : [ "obj-61", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "midpoints" : [ 101.5, 117.0, 87.0, 117.0, 87.0, 114.0, 59.5, 114.0 ],
  "source" : [ "obj-13", 0 ]
},
{
  "tchline" :
  {
    "destination" : [ "obj-57", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 101.5, 159.0, 141.0, 159.0, 141.0, 135.0, 154.0, 135.0 ],
    "source" : [ "obj-21", 0 ]
  },
  "tchline" :
  {
    "destination" : [ "obj-63", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 101.5, 159.0, 87.0, 159.0, 87.0, 114.0, 76.5, 114.0 ],
    "source" : [ "obj-21", 0 ]
  },
  "pa

```

```

tchline" :
{
    "destination" : [ "obj-64", 2 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-21", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-64", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-4", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 152.0, 120.0, 101.5, 120.0 ],
    "source" : [ "obj-47", 0 ]
}
},
{
    "pa
tchline" :
{

```

```

    "destination" : [ "obj-13", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 101.5, 90.0, 101.5, 90.0 ],
    "source" : [ "obj-5", 0 ]
    }
  }
  ,
  {
    "pchline" :
    {
      "destination" : [ "obj-64", 1 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-5", 2 ]
    }
  }
  ,
  {
    "pchline" :
    {
      "destination" : [ "obj-64", 3 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-5", 1 ]
    }
  }
  ,
  {
    "pchline" :
    {
      "destination" : [ "obj-21", 0 ],
      "disabled" : 0,

```

```

        "hidden" : 0,
        "midpoints" : [ 154.0, 159.0, 135.0, 159.0, 135.0, 135.0, 101.5, 135.0 ],
        "source" : [ "obj-57", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-64", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 59.5, 192.0, 71.25, 192.0 ],
        "source" : [ "obj-58", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-58", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 59.5, 138.0, 59.5, 138.0 ],
        "source" : [ "obj-61", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-58", 1 ],

```

```

        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 76.5, 138.0, 77.5, 138.0 ],
        "source" : [ "obj-63", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-69", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 71.25, 219.0, 71.25, 219.0 ],
        "source" : [ "obj-64", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-1", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 71.25, 294.0, 117.5, 294.0 ],
        "source" : [ "obj-69", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-2", 0 ],

```

```

        "disabled" : 0,

        "hidden" : 0,

        "midpoints" : [ 71.25, 294.0, 202.5, 294.0 ],

        "source" : [ "obj-69", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-6", 0 ],

        "disabled" : 0,

        "hidden" : 0,

        "source" : [ "obj-69", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-5", 0 ],

        "disabled" : 0,

        "hidden" : 0,

        "midpoints" : [ 101.5, 66.0, 101.5, 66.0 ],

        "source" : [ "obj-81", 0 ]
    }
}
]
}
,
[ 313.900024, 344.0, 53.0, 20.0 ],

s" :
    "patching_rect" :
    "saved_object_attribute
    {

```

```

" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

,

{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-90",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patcher" :
        {
            "fileversion" : 1,
            "appversion" :
            {
                "major" :
                "minor" :
                "revision"
                "architect
            }
        }
    }
}

,

290.0, 640.0, 480.0 ],

ion" : 0,

```

```

" : 12.0,
" : 0,
e" : "Arial",

[ 15.0, 15.0 ],
" : 0,
: 2,
1,
" : 200,

1,
1,
0.0,

x" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-6",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 30.0, 294.0, 51.0, 20.0 ],
    "text" : "print rot"

"default_fontsize
"default_fontface
"default_fontnam
"gridonopen" : 0,
"gridsize" :
"gridsnaponopen
"statusbarvisible"
"toolbarvisible" :
"boxanimatetime
"imprint" : 0,
"enablehscroll" :
"enablevscroll" :
"devicewidth" :
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{
    "bo
    {
}
}

```

```

,
x" :
    "id" : "obj-4",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 20.0, 117.0, 20.0, 20.0 ]
},
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-2",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 193.0, 308.0, 55.0, 20.0 ],
    "text" : "s topack"
},
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-1",

```

```

    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 108.0, 307.0, 57.0, 20.0 ],
    "text" : "s tobang"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-69",
      "maxclass" : "newobj",
      "numinlets" : 2,
      "numoutlets" : 2,
      "outlettype" : [ "", "" ],
      "patching_rect" : [ 61.75, 227.0, 51.0, 20.0 ],
      "text" : "zl rot -1"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "frgb" : 0.0,
      "id" : "obj-67",
      "maxclass" : "comment",

```

```

    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 223.0, 199.0, 143.0, 20.0 ],
    "text" : "varighet, pitch, dynamikk"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-64",
    "maxclass" : "newobj",
    "numinlets" : 4,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 61.75, 199.0, 154.0, 20.0 ],
    "text" : "pack 0 0 0 0"
  }
},
{
  "bo
  {
    "id" : "obj-63",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 67.0, 118.0, 20.0, 20.0 ]
  }
}

```

```

,
x" :
    "id" : "obj-61",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 50.0, 118.0, 20.0, 20.0 ]
},
},
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-58",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "float", "" ],
    "patching_rect" : [ 50.0, 140.0, 37.0, 20.0 ],
    "text" : "timer"
},
},
,
x" :
    "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-57",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 144.5, 140.0, 37.0, 18.0 ],
    "text" : "set a"
    }
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-47",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 142.5, 98.0, 41.0, 20.0 ],
    "text" : "r out2"
    }
},
{
    "bo
{
    "fontname" : "Arial",
    "fontsize" : 12.0,

```

```

    "id" : "obj-13",

    "maxclass" : "message",

    "numinlets" : 2,

    "numoutlets" : 1,

    "outlettype" : [ "" ],

    "patching_rect" : [ 92.0, 98.0, 43.0, 18.0 ],

    "text" : "set $1"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",

      "fontsize" : 12.0,

      "id" : "obj-5",

      "maxclass" : "newobj",

      "numinlets" : 1,

      "numoutlets" : 3,

      "outlettype" : [ "int", "int", "int" ],

      "patching_rect" : [ 92.0, 70.0, 79.0, 20.0 ],

      "text" : "unpack 0 0 0"
    }
  }
  {
    "bo
    {
      "fontname" : "Arial",

      "fontsize" : 12.0,

      "id" : "obj-21",

```

```

    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 92.0, 138.0, 43.0, 20.0 ],
    "text" : "match"
  }
},
{
  "bo
  {
    "comment" : "",
    "id" : "obj-81",
    "maxclass" : "inlet",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 92.0, 40.0, 25.0, 25.0 ]
  }
},
{
  "lines" : [
    {
      "pa
tchline" :
  {
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 101.5, 117.0, 101.5, 117.0 ],
    "source" : [ "obj-13", 0 ]
  }
}

```

```

    }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-61", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 101.5, 117.0, 87.0, 117.0, 87.0, 114.0, 59.5, 114.0 ],
    "source" : [ "obj-13", 0 ]
  }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-57", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 101.5, 159.0, 141.0, 159.0, 141.0, 135.0, 154.0, 135.0 ],
    "source" : [ "obj-21", 0 ]
  }
  }
  ,
  {
    "pa
tchline" :
  {
    "destination" : [ "obj-63", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 101.5, 159.0, 87.0, 159.0, 87.0, 114.0, 76.5, 114.0 ],

```

```

        "source" : [ "obj-21", 0 ]
    }
    }
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-64", 2 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
    }
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-64", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-4", 0 ]
    }
    }
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 152.0, 120.0, 101.5, 120.0 ],
        "source" : [ "obj-47", 0 ]
    }
    }

```

```
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-13", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 90.0, 101.5, 90.0 ],
        "source" : [ "obj-5", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-64", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-5", 2 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-64", 3 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-5", 1 ]
    }
},
    {
        "pa
```

```

tchline" :
{
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 154.0, 159.0, 135.0, 159.0, 135.0, 135.0, 101.5, 135.0 ],
    "source" : [ "obj-57", 0 ]
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-64", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 59.5, 192.0, 71.25, 192.0 ],
    "source" : [ "obj-58", 0 ]
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-58", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 59.5, 138.0, 59.5, 138.0 ],
    "source" : [ "obj-61", 0 ]
},
{
    "pa

```

```

"pa
tchline" :
{
  "destination" : [ "obj-58", 1 ],
  "disabled" : 0,
  "hidden" : 0,
  "midpoints" : [ 76.5, 138.0, 77.5, 138.0 ],
  "source" : [ "obj-63", 0 ]
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-69", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "midpoints" : [ 71.25, 219.0, 71.25, 219.0 ],
  "source" : [ "obj-64", 0 ]
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-1", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "midpoints" : [ 71.25, 294.0, 117.5, 294.0 ],
  "source" : [ "obj-69", 0 ]
}
}

```

```

,
{
    "path": "pa
tchline" :
    {
        "destination" : [ "obj-2", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 71.25, 294.0, 202.5, 294.0 ],
        "source" : [ "obj-69", 0 ]
    }
},
{
    "path": "pa
tchline" :
    {
        "destination" : [ "obj-6", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-69", 0 ]
    }
},
{
    "path": "pa
tchline" :
    {
        "destination" : [ "obj-5", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 66.0, 101.5, 66.0 ],
        "source" : [ "obj-81", 0 ]
    }
}
]

```

```

    ,
    [ 272.200012, 323.0, 53.0, 20.0 ],
    s" :
    " : 0,
    e" : "Arial",
    " : 12.0,

    "Arial",

    me" : "",

    ,

    ,

    {

        6,

        1,

        : 8,

        ure" : "x86"
    }

```

```

    }

    "patching_rect" :

    "saved_object_attribute
    {
        "default_fontface

        "default_fontnam

        "default_fontsize

        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" :

        "fontsize" : 12.0,
        "globalpatcherna

        "tags" : ""
    }

    "text" : "p match"

    }

    {

    "box" :

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-91",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patcher" :

        {

            "fileversion" : 1,
            "appversion" :
            {
                "major" :

                "minor" :

                "revision"

                "architect

            }
        }
    }

```

```

,
290.0, 640.0, 480.0 ],

ion" : 0,

" : 12.0,

" : 0,

e" : "Arial",

[ 15.0, 15.0 ],

" : 0,

: 2,

1,

" : 200,

1,

1,

0.0,

x" :

    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-6",

    "maxclass" : "newobj",

    "numinlets" : 1,

    "numoutlets" : 0,

```

```

"rect" : [ 540.0,

"bglocked" : 0,
"openinpresentat

"default_fontsize

"default_fontface

"default_fontnam

"gridonopen" : 0,
"gridsize" :

"gridsnaponopen

"statusbarvisible"

"toolbarvisible" :

"boxanimatetime

"imprint" : 0,
"enablehscroll" :

"enablevscroll" :

"devicewidth" :

"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{
    "bo
{

```

```

    "patching_rect" : [ 30.0, 294.0, 51.0, 20.0 ],
    "text" : "print rot"
  }
},
{
  "bo
x" :
  "id" : "obj-4",
  "maxclass" : "button",
  "numinlets" : 1,
  "numoutlets" : 1,
  "outlettype" : [ "bang" ],
  "patching_rect" : [ 20.0, 117.0, 20.0, 20.0 ]
}
},
{
  "bo
x" :
  "fontname" : "Arial",
  "fontsize" : 12.0,
  "id" : "obj-2",
  "maxclass" : "newobj",
  "numinlets" : 1,
  "numoutlets" : 0,
  "patching_rect" : [ 193.0, 308.0, 55.0, 20.0 ],
  "text" : "s topack"
}
},
{
  "bo
x" :

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-1",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 108.0, 307.0, 57.0, 20.0 ],
        "text" : "s tobang"
    }
},
{
    "bo
{
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-69",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 61.75, 227.0, 51.0, 20.0 ],
        "text" : "zl rot -1"
    }
},
{
    "bo
{
        "fontname" : "Arial",
        "fontsize" : 12.0,

```

```

    "frgb" : 0.0,

    "id" : "obj-67",

    "maxclass" : "comment",

    "numinlets" : 1,

    "numoutlets" : 0,

    "patching_rect" : [ 223.0, 199.0, 143.0, 20.0 ],

    "text" : "varighet, pitch, dynamikk"
    }
  }
  {
    "bo
  {
    x" :

    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-64",

    "maxclass" : "newobj",

    "numinlets" : 4,

    "numoutlets" : 1,

    "outlettype" : [ "" ],

    "patching_rect" : [ 61.75, 199.0, 154.0, 20.0 ],

    "text" : "pack 0 0 0 0"
    }
  }
  {
    "bo
  {
    x" :

    "id" : "obj-63",

    "maxclass" : "button",

    "numinlets" : 1,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 67.0, 118.0, 20.0, 20.0 ]
    },
    {
        "bo
    {
        x" :
            "id" : "obj-61",
            "maxclass" : "button",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "bang" ],
            "patching_rect" : [ 50.0, 118.0, 20.0, 20.0 ]
        }
    },
    {
        "bo
    {
        x" :
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-58",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 2,
            "outlettype" : [ "float", "" ],
            "patching_rect" : [ 50.0, 140.0, 37.0, 20.0 ],
            "text" : "timer"
        }
    }
}

```

```
, {
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-57",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 144.5, 140.0, 37.0, 18.0 ],
    "text" : "set a"
  }
}
```

```
, {
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-47",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 142.5, 98.0, 41.0, 20.0 ],
    "text" : "r out2"
  }
}
```

```
, {
  "bo
```

```

x" : {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-13",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 92.0, 98.0, 43.0, 18.0 ],
    "text" : "set $1"
}
,
{
    "bo
x" : {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-5",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 92.0, 70.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
}
,
{
    "bo
x" : {

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-21",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 92.0, 138.0, 43.0, 20.0 ],
        "text" : "match"
    }
},
{
    "bo
    {
        "comment" : "",
        "id" : "obj-81",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 92.0, 40.0, 25.0, 25.0 ]
    }
},
{
    "lines" : [
        {
            "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,

```

```

        "hidden" : 0,
        "midpoints" : [ 101.5, 117.0, 101.5, 117.0 ],
        "source" : [ "obj-13", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-61", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 117.0, 87.0, 117.0, 87.0, 114.0, 59.5, 114.0 ],
        "source" : [ "obj-13", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-57", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 159.0, 141.0, 159.0, 141.0, 135.0, 154.0, 135.0 ],
        "source" : [ "obj-21", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-63", 0 ],

```

```
"disabled" : 0,

"hidden" : 0,

"midpoints" : [ 101.5, 159.0, 87.0, 159.0, 87.0, 114.0, 76.5, 114.0 ],

"source" : [ "obj-21", 0 ]
    }
    }
    {
    "pa

tchline" :
    {

        "destination" : [ "obj-64", 2 ],

        "disabled" : 0,

        "hidden" : 0,

        "source" : [ "obj-21", 0 ]
            }
            }
            {
            }
            {
            "pa

tchline" :
            {

                "destination" : [ "obj-64", 0 ],

                "disabled" : 0,

                "hidden" : 0,

                "source" : [ "obj-4", 0 ]
                    }
                    }
                    {
                    }
                    {
                    "pa

tchline" :
                    {

                        "destination" : [ "obj-21", 0 ],

                        "disabled" : 0,

                        "hidden" : 0,
```

```

        "midpoints" : [ 152.0, 120.0, 101.5, 120.0 ],
        "source" : [ "obj-47", 0 ]
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-13", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 90.0, 101.5, 90.0 ],
        "source" : [ "obj-5", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-64", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-5", 2 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-64", 3 ],
        "disabled" : 0,
        "hidden" : 0,

```

```

        "source" : [ "obj-5", 1 ]
    }
    }
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 154.0, 159.0, 135.0, 159.0, 135.0, 135.0, 101.5, 135.0 ],
        "source" : [ "obj-57", 0 ]
    }
    }
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-64", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 59.5, 192.0, 71.25, 192.0 ],
        "source" : [ "obj-58", 0 ]
    }
    }
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-58", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 59.5, 138.0, 59.5, 138.0 ],

```

```

        "source" : [ "obj-61", 0 ]
    }
    }
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-58", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 76.5, 138.0, 77.5, 138.0 ],
        "source" : [ "obj-63", 0 ]
    }
    }
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-69", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 71.25, 219.0, 71.25, 219.0 ],
        "source" : [ "obj-64", 0 ]
    }
    }
    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-1", 0 ],
        "disabled" : 0,
        "hidden" : 0,

```

```

    "midpoints" : [ 71.25, 294.0, 117.5, 294.0 ],
    "source" : [ "obj-69", 0 ]
    }
  }
,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-2", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "midpoints" : [ 71.25, 294.0, 202.5, 294.0 ],
      "source" : [ "obj-69", 0 ]
    }
  }
,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-6", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-69", 0 ]
    }
  }
,
  {
    "pa
tchline" :
    {
      "destination" : [ "obj-5", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "midpoints" : [ 101.5, 66.0, 101.5, 66.0 ],
```

```

        "source" : [ "obj-81", 0 ]
    }
}

]
,
[ 230.5, 303.0, 53.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

,

{
    "box" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-86",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patcher" :
            {
                "fileversion" : 1,
                "appversion" :
                    {
                        "major" :
                        "minor" :

```

```
1,
: 8,
ure" : "x86"
,
290.0, 640.0, 480.0 ],
ion" : 0,
" : 12.0,
" : 0,
e" : "Arial",
[ 15.0, 15.0 ],
" : 0,
: 2,
1,
" : 200,
1,
1,
0.0,
x" :
"fontname" : "Arial",
"fontsize" : 12.0,
"id" : "obj-6",
```

```
"revision"
"architect
}
"rect" : [ 540.0,
"bglocked" : 0,
"openinpresentat
"default_fontsize
"default_fontface
"default_fontnam
"gridonopen" : 0,
"gridsize" :
"gridsnaponopen
"statusbarvisible"
"toolbarvisible" :
"boxanimatetime
"imprint" : 0,
"enablehscroll" :
"enablevscroll" :
"devicewidth" :
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{
"bo
{
```

```

    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 30.0, 294.0, 51.0, 20.0 ],
    "text" : "print rot"
    }
  }
  {
    "bo
  {
    "id" : "obj-4",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 20.0, 117.0, 20.0, 20.0 ]
    }
  }
  {
    "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-2",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 193.0, 308.0, 55.0, 20.0 ],
    "text" : "s topack"
    }
  }

```

```
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-1",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 108.0, 307.0, 57.0, 20.0 ],
    "text" : "s tobang"
}
```

```
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-69",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 61.75, 227.0, 51.0, 20.0 ],
    "text" : "zl rot -1"
}
```

```
,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-70",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 61.75, 227.0, 51.0, 20.0 ],
    "text" : "zl rot -1"
}
```

```

x" : {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "frgb" : 0.0,
    "id" : "obj-67",
    "maxclass" : "comment",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 223.0, 199.0, 143.0, 20.0 ],
    "text" : "varighet, pitch, dynamikk"
}
,
{
    "bo
{
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-64",
    "maxclass" : "newobj",
    "numinlets" : 4,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 61.75, 199.0, 154.0, 20.0 ],
    "text" : "pack 0 0 0 0"
}
,
{
    "bo
{
x" :

```

```

        "id" : "obj-63",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 67.0, 118.0, 20.0, 20.0 ]
    }
},
    {
        "bo
    {
        "id" : "obj-61",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 50.0, 118.0, 20.0, 20.0 ]
    }
},
    {
        "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-58",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "float", "" ],

```

```

    "patching_rect" : [ 50.0, 140.0, 37.0, 20.0 ],
    "text" : "timer"
  }
},
{
  "bo
x" :
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-57",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 144.5, 140.0, 37.0, 18.0 ],
    "text" : "set a"
  }
},
{
  "bo
x" :
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-47",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 142.5, 98.0, 41.0, 20.0 ],

```

```

        "text" : "r out2"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-13",
        "maxclass" : "message",
        "numinlets" : 2,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 92.0, 98.0, 43.0, 18.0 ],
        "text" : "set $1"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-5",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 3,
        "outlettype" : [ "int", "int", "int" ],
        "patching_rect" : [ 92.0, 70.0, 79.0, 20.0 ],
        "text" : "unpack 0 0 0"
    }
}

```

```

    },
    "x" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-21",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 92.0, 138.0, 43.0, 20.0 ],
        "text" : "match"
    },
    "x" :
    {
        "comment" : "",
        "id" : "obj-81",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 92.0, 40.0, 25.0, 25.0 ]
    },
    "lines" : [
        {
            "pa

```

```

tchline" :
{
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 101.5, 117.0, 101.5, 117.0 ],
    "source" : [ "obj-13", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-61", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 101.5, 117.0, 87.0, 117.0, 87.0, 114.0, 59.5, 114.0 ],
    "source" : [ "obj-13", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-57", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 101.5, 159.0, 141.0, 159.0, 141.0, 135.0, 154.0, 135.0 ],
    "source" : [ "obj-21", 0 ]
}
},
{

```

```

"pa
tchline" :
{
  "destination" : [ "obj-63", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "midpoints" : [ 101.5, 159.0, 87.0, 159.0, 87.0, 114.0, 76.5, 114.0 ],
  "source" : [ "obj-21", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-64", 2 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-21", 0 ]
}
},
{
  "pa
tchline" :
{
  "destination" : [ "obj-64", 0 ],
  "disabled" : 0,
  "hidden" : 0,
  "source" : [ "obj-4", 0 ]
}
},
{
  "pa
tchline" :
{

```

```

    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 152.0, 120.0, 101.5, 120.0 ],
    "source" : [ "obj-47", 0 ]
    }
  }
,
  "pchline" :
  {
    "destination" : [ "obj-13", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 101.5, 90.0, 101.5, 90.0 ],
    "source" : [ "obj-5", 0 ]
    }
  }
,
  "pchline" :
  {
    "destination" : [ "obj-64", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-5", 2 ]
    }
  }
,
  "pchline" :
  {

```

```

        "destination" : [ "obj-64", 3 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-5", 1 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 154.0, 159.0, 135.0, 159.0, 135.0, 135.0, 101.5, 135.0 ],
        "source" : [ "obj-57", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-64", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 59.5, 192.0, 71.25, 192.0 ],
        "source" : [ "obj-58", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-58", 0 ],

```

```

        "disabled" : 0,

        "hidden" : 0,

        "midpoints" : [ 59.5, 138.0, 59.5, 138.0 ],

        "source" : [ "obj-61", 0 ]
    }
},
{
    "pa

tchline" :
{
    "destination" : [ "obj-58", 1 ],

    "disabled" : 0,

    "hidden" : 0,

    "midpoints" : [ 76.5, 138.0, 77.5, 138.0 ],

    "source" : [ "obj-63", 0 ]
}
},
{
    "pa

tchline" :
{
    "destination" : [ "obj-69", 0 ],

    "disabled" : 0,

    "hidden" : 0,

    "midpoints" : [ 71.25, 219.0, 71.25, 219.0 ],

    "source" : [ "obj-64", 0 ]
}
},
{
    "pa

tchline" :
{

```

```
"destination" : [ "obj-1", 0 ],
"disabled" : 0,
"hidden" : 0,
"midpoints" : [ 71.25, 294.0, 117.5, 294.0 ],
"source" : [ "obj-69", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-2", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 71.25, 294.0, 202.5, 294.0 ],
        "source" : [ "obj-69", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-6", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-69", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-5", 0 ],
```

```

        "disabled" : 0,

        "hidden" : 0,

        "midpoints" : [ 101.5, 66.0, 101.5, 66.0 ],

        "source" : [ "obj-81", 0 ]

    }

}

]

,

[ 188.899994, 323.0, 53.0, 20.0 ],

s" :

" : 0,

e" : "Arial",

" : 12.0,

"Arial",

me" : "",

,

,

,

{

    "patching_rect" :

    "saved_object_attribute"
    {
        "default_fontface

        "default_fontnam

        "default_fontsize

        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" :

        "fontsize" : 12.0,
        "globalpatcherna

        "tags" : ""

    }

    "text" : "p match"

}

}

{

    "box" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-85",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patcher" :

```

```

6,
1,
: 8,
ure" : "x86"
,
290.0, 640.0, 480.0 ],
ion" : 0,
" : 12.0,
" : 0,
e" : "Arial",
[ 15.0, 15.0 ],
" : 0,
: 2,
1,
" : 200,
1,
1,
0.0,
x" :

```

```

"fileversion" : 1,
"appversion" :
{
    "major" :
        "minor" :
            "revision"
                "architect
}
"rect" : [ 540.0,
"bglocked" : 0,
"openinpresentat
"default_fontsize
"default_fontface
"default_fontnam
"gridonopen" : 0,
"gridsize" :
"gridsnaponopen
"statusbarvisible"
"toolbarvisible" :
"boxanimatetime
"imprint" : 0,
"enablehscroll" :
"enablevscroll" :
"devicewidth" :
"description" : "",
"digest" : "",
"tags" : "",
"boxes" : [
{
    "bo
{

```

```

    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-6",

    "maxclass" : "newobj",

    "numinlets" : 1,

    "numoutlets" : 0,

    "patching_rect" : [ 30.0, 294.0, 51.0, 20.0 ],

    "text" : "print rot"
    }
  }
  {
    "bo
  {
    "id" : "obj-4",

    "maxclass" : "button",

    "numinlets" : 1,

    "numoutlets" : 1,

    "outlettype" : [ "bang" ],

    "patching_rect" : [ 20.0, 117.0, 20.0, 20.0 ]
    }
  }
  {
    "bo
  {
    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-2",

    "maxclass" : "newobj",

    "numinlets" : 1,

```

```

    "numoutlets" : 0,
    "patching_rect" : [ 193.0, 308.0, 55.0, 20.0 ],
    "text" : "s topack"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-1",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 108.0, 307.0, 57.0, 20.0 ],
    "text" : "s tobang"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-69",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 61.75, 227.0, 51.0, 20.0 ],

```

```

    "text" : "zl rot -1"
    }
  }
  ,
  {
    "bo
x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "frgb" : 0.0,
      "id" : "obj-67",
      "maxclass" : "comment",
      "numinlets" : 1,
      "numoutlets" : 0,
      "patching_rect" : [ 223.0, 199.0, 143.0, 20.0 ],
      "text" : "varighet, pitch, dynamikk"
    }
  }
  ,
  {
    "bo
x" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-64",
      "maxclass" : "newobj",
      "numinlets" : 4,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 61.75, 199.0, 154.0, 20.0 ],
      "text" : "pack 0 0 0 0"
    }
  }

```

```

    ,
    x" :
        "id" : "obj-63",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 67.0, 118.0, 20.0, 20.0 ]
    },
    x" :
        "id" : "obj-61",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 50.0, 118.0, 20.0, 20.0 ]
    },
    x" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-58",
        "maxclass" : "newobj",

```

```

    "numinlets" : 2,

    "numoutlets" : 2,

    "outlettype" : [ "float", "" ],

    "patching_rect" : [ 50.0, 140.0, 37.0, 20.0 ],

    "text" : "timer"
    }
  }
  {
    "bo
  {
    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-57",

    "maxclass" : "message",

    "numinlets" : 2,

    "numoutlets" : 1,

    "outlettype" : [ "" ],

    "patching_rect" : [ 144.5, 140.0, 37.0, 18.0 ],

    "text" : "set a"
    }
  }
  {
    "bo
  {
    "fontname" : "Arial",

    "fontsize" : 12.0,

    "id" : "obj-47",

    "maxclass" : "newobj",

    "numinlets" : 0,

```

```

    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 142.5, 98.0, 41.0, 20.0 ],
    "text" : "r out2"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-13",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 92.0, 98.0, 43.0, 18.0 ],
    "text" : "set $1"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-5",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,

```

```

        "outlettype" : [ "int", "int", "int" ],
        "patching_rect" : [ 92.0, 70.0, 79.0, 20.0 ],
        "text" : "unpack 0 0 0"
    }
},
{
    "bo
x" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-21",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 92.0, 138.0, 43.0, 20.0 ],
        "text" : "match"
    }
},
{
    "bo
x" :
    {
        "comment" : "",
        "id" : "obj-81",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 92.0, 40.0, 25.0, 25.0 ]
    }
}

```

```

    },
    "lines" : [
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 117.0, 101.5, 117.0 ],
        "source" : [ "obj-13", 0 ]
    }
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-61", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 117.0, 87.0, 117.0, 87.0, 114.0, 59.5, 114.0 ],
        "source" : [ "obj-13", 0 ]
    }
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-57", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 159.0, 141.0, 159.0, 141.0, 135.0, 154.0, 135.0 ],

```

```

        "source" : [ "obj-21", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-63", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 159.0, 87.0, 159.0, 87.0, 114.0, 76.5, 114.0 ],
        "source" : [ "obj-21", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-64", 2 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-64", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-4", 0 ]
    }
}

```

```

    },
    "tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 152.0, 120.0, 101.5, 120.0 ],
        "source" : [ "obj-47", 0 ]
    }
},
    "tchline" :
    {
        "destination" : [ "obj-13", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 90.0, 101.5, 90.0 ],
        "source" : [ "obj-5", 0 ]
    }
},
    "tchline" :
    {
        "destination" : [ "obj-64", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-5", 2 ]
    }
}

```

```
    },
    {
      "path": "pa",
      "tchline" :
      {
        "destination" : [ "obj-64", 3 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-5", 1 ]
      }
    }
  ],
```

```
    {
      "path": "pa",
      "tchline" :
      {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 154.0, 159.0, 135.0, 159.0, 135.0, 135.0, 101.5, 135.0 ],
        "source" : [ "obj-57", 0 ]
      }
    }
  ],
```

```
    {
      "path": "pa",
      "tchline" :
      {
        "destination" : [ "obj-64", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 59.5, 192.0, 71.25, 192.0 ],
        "source" : [ "obj-58", 0 ]
      }
    }
  ],
```

```
}
```

```

,
{
    "path":
    {
        "tchline" :
        {
            "destination" : [ "obj-58", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "midpoints" : [ 59.5, 138.0, 59.5, 138.0 ],
            "source" : [ "obj-61", 0 ]
        }
    }
},
{
    "path":
    {
        "tchline" :
        {
            "destination" : [ "obj-58", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "midpoints" : [ 76.5, 138.0, 77.5, 138.0 ],
            "source" : [ "obj-63", 0 ]
        }
    }
},
{
    "path":
    {
        "tchline" :
        {
            "destination" : [ "obj-69", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "midpoints" : [ 71.25, 219.0, 71.25, 219.0 ],
            "source" : [ "obj-64", 0 ]
        }
    }
}

```

```

    ,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-1", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 71.25, 294.0, 117.5, 294.0 ],
        "source" : [ "obj-69", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-2", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 71.25, 294.0, 202.5, 294.0 ],
        "source" : [ "obj-69", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-6", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-69", 0 ]
    }
}
}

```

```

,
{
    "patching_rect" : [ 146.899994, 344.0, 53.0, 20.0 ],
    "saved_object_attributes" : {
        "default_fontface" : "Arial",
        "default_fontname" : "Arial",
        "default_fontsize" : 12.0,
        "description" : "",
        "digest" : "",
        "fontface" : 0,
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "globalpatchername" : "",
        "tags" : ""
    },
    "text" : "p match"
},
{
    "box" : {
        "fontname" : "Arial",
        "fontsize" : 12.0,
    }
}

```

6,
1,
: 8,
ure" : "x86"
,
290.0, 640.0, 480.0],
ion" : 0,
" : 12.0,
" : 0,
e" : "Arial",
[15.0, 15.0],
" : 0,
: 2,
1,
" : 200,
1,
1,
0.0,

{

"id" : "obj-84",
"maxclass" : "newobj",
"numinlets" : 1,
"numoutlets" : 0,
"patcher" :
 "fileversion" : 1,
 "appversion" :
 {
 "major" :
 "minor" :
 "revision"
 "architect
 }
 "rect" : [540.0,
 "bglocked" : 0,
 "openinpresentat
 "default_fontsize
 "default_fontface
 "default_fontnam
 "gridonopen" : 0,
 "gridsize" :
 "gridsnaponopen
 "statusbarvisible"
 "toolbarvisible" :
 "boxanimatetime
 "imprint" : 0,
 "enablehscroll" :
 "enablevscroll" :
 "devicewidth" :
 "description" : "",
 "digest" : "",

```

x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-6",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 30.0, 294.0, 51.0, 20.0 ],
    "text" : "print rot"
},
x" :
    "id" : "obj-4",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 20.0, 117.0, 20.0, 20.0 ]
},
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,

```

```

"tags" : "",
"boxes" : [
{
    "bo
{
}
}
{
    "bo
{
}
}
{
    "bo
{
}
}

```

```

        "id" : "obj-2",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 193.0, 308.0, 55.0, 20.0 ],
        "text" : "s topack"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-1",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 108.0, 307.0, 57.0, 20.0 ],
        "text" : "s tobang"
    }
},
{
    "bo
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-69",
        "maxclass" : "newobj",
        "numinlets" : 2,

```

```

    "numoutlets" : 2,
    "outlettype" : [ "", "" ],
    "patching_rect" : [ 61.75, 227.0, 51.0, 20.0 ],
    "text" : "zl rot -1"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "frgb" : 0.0,
    "id" : "obj-67",
    "maxclass" : "comment",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 223.0, 199.0, 143.0, 20.0 ],
    "text" : "varighet, pitch, dynamikk"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-64",
    "maxclass" : "newobj",
    "numinlets" : 4,
    "numoutlets" : 1,

```

```

        "outlettype" : [ "" ],
        "patching_rect" : [ 61.75, 199.0, 154.0, 20.0 ],
        "text" : "pack 0 0 0 0"
    }
},
{
    "bo
x" :
    {
        "id" : "obj-63",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 67.0, 118.0, 20.0, 20.0 ]
    }
},
{
    "bo
x" :
    {
        "id" : "obj-61",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 50.0, 118.0, 20.0, 20.0 ]
    }
},
{
    "bo
x" :
    {
        "fontname" : "Arial",

```

```

    "fontsize" : 12.0,
    "id" : "obj-58",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "float", "" ],
    "patching_rect" : [ 50.0, 140.0, 37.0, 20.0 ],
    "text" : "timer"
    }
  }
,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-57",
      "maxclass" : "message",
      "numinlets" : 2,
      "numoutlets" : 1,
      "outlettype" : [ "" ],
      "patching_rect" : [ 144.5, 140.0, 37.0, 18.0 ],
      "text" : "set a"
    }
  }
,
  {
    "bo
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,

```

```

    "id" : "obj-47",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 142.5, 98.0, 41.0, 20.0 ],
    "text" : "r out2"
    }
},
{
    "bo
    {
x" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-13",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 92.0, 98.0, 43.0, 18.0 ],
    "text" : "set $1"
    }
},
{
    "bo
    {
x" :

    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-5",

```

```

    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 3,
    "outlettype" : [ "int", "int", "int" ],
    "patching_rect" : [ 92.0, 70.0, 79.0, 20.0 ],
    "text" : "unpack 0 0 0"
  }
},
{
  "bo
  {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-21",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 92.0, 138.0, 43.0, 20.0 ],
    "text" : "match"
  }
},
{
  "bo
  {
    "comment" : "",
    "id" : "obj-81",
    "maxclass" : "inlet",
    "numinlets" : 0,

```

```

        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 92.0, 40.0, 25.0, 25.0 ]
    }
},
    "lines" : [
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 117.0, 101.5, 117.0 ],
        "source" : [ "obj-13", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-61", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 117.0, 87.0, 117.0, 87.0, 114.0, 59.5, 114.0 ],
        "source" : [ "obj-13", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-57", 0 ],

```

```

        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 159.0, 141.0, 159.0, 141.0, 135.0, 154.0, 135.0 ],
        "source" : [ "obj-21", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-63", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 159.0, 87.0, 159.0, 87.0, 114.0, 76.5, 114.0 ],
        "source" : [ "obj-21", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-64", 2 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
},
{
    "pa
tchline" :
    {
        "destination" : [ "obj-64", 0 ],

```

```

    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-4", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 152.0, 120.0, 101.5, 120.0 ],
        "source" : [ "obj-47", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-13", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 90.0, 101.5, 90.0 ],
        "source" : [ "obj-5", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-64", 1 ],
        "disabled" : 0,
```

```

        "hidden" : 0,
        "source" : [ "obj-5", 2 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-64", 3 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-5", 1 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 154.0, 159.0, 135.0, 159.0, 135.0, 135.0, 101.5, 135.0 ],
        "source" : [ "obj-57", 0 ]
    }
}
,
{
    "pa
tchline" :
    {
        "destination" : [ "obj-64", 0 ],
        "disabled" : 0,
        "hidden" : 0,

```

```

        "midpoints" : [ 59.5, 192.0, 71.25, 192.0 ],
        "source" : [ "obj-58", 0 ]
    }
}
,
    "pchline" :
    {
        "destination" : [ "obj-58", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 59.5, 138.0, 59.5, 138.0 ],
        "source" : [ "obj-61", 0 ]
    }
}
,
    "pchline" :
    {
        "destination" : [ "obj-58", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 76.5, 138.0, 77.5, 138.0 ],
        "source" : [ "obj-63", 0 ]
    }
}
,
    "pchline" :
    {
        "destination" : [ "obj-69", 0 ],
        "disabled" : 0,
        "hidden" : 0,

```

```

        "midpoints" : [ 71.25, 219.0, 71.25, 219.0 ],
        "source" : [ "obj-64", 0 ]
    },
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-1", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 71.25, 294.0, 117.5, 294.0 ],
        "source" : [ "obj-69", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-2", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 71.25, 294.0, 202.5, 294.0 ],
        "source" : [ "obj-69", 0 ]
    }
},
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-6", 0 ],
        "disabled" : 0,

```

```

        "hidden" : 0,
        "source" : [ "obj-69", 0 ]
    }
}
,
    "patching_rect" :
    {
        "destination" : [ "obj-5", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 66.0, 101.5, 66.0 ],
        "source" : [ "obj-81", 0 ]
    }
}
]
,
[ 105.200012, 323.0, 53.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,

"Arial",

me" : "",

,

}
"patching_rect" :
"saved_object_attribute
{
    "default_fontface
    "default_fontnam
    "default_fontsize
    "description" : "",
    "digest" : "",
    "fontface" : 0,
    "fontname" :
    "fontsize" : 12.0,
    "globalpatcherna
    "tags" : ""
}
"text" : "p match"
}

```

```

        },
        {
            "box" :
            {
                "fontname" : "Arial",
                "fontsize" : 12.0,
                "id" : "obj-83",
                "maxclass" : "newobj",
                "numinlets" : 1,
                "numoutlets" : 0,
                "patcher" :
                {
                    "fileversion" : 1,
                    "appversion" :
                    {
                        "major" :
                        6,
                        "minor" :
                        1,
                        "revision" :
                        8,
                        "architect
                        ure" : "x86"
                    }
                },
                "rect" : [ 540.0,
                    290.0, 640.0, 480.0 ],
                "bglocked" : 0,
                "openinpresentat
                ion" : 0,
                "default_fontsize
                " : 12.0,
                "default_fontface
                " : 0,
                "default_fontnam
                e" : "Arial",
                "gridonopen" : 0,
                "gridsize" :
                [ 15.0, 15.0 ],
                "gridsnaponopen
                " : 0,
                "statusbarvisible"
                : 2,
                "toolbarvisible" :
                1,
                "boxanimatetime
                " : 200,
                "imprint" : 0,
                "enablehscroll" :
                1,

```

```

1,
0.0,

x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-6",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 30.0, 294.0, 51.0, 20.0 ],
    "text" : "print rot"
    }
},
x" :
    "id" : "obj-4",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 20.0, 117.0, 20.0, 20.0 ]
    }
},
    }
    {
        "bo
    {
        "enablevscroll" :
        "devicewidth" :
        "description" : "",
        "digest" : "",
        "tags" : "",
        "boxes" : [
        {
            "bo
            {
            "bo

```

```

x" : {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-2",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 193.0, 308.0, 55.0, 20.0 ],
    "text" : "s topack"
}
},
{
    "bo
{
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-1",
    "maxclass" : "newobj",
    "numinlets" : 1,
    "numoutlets" : 0,
    "patching_rect" : [ 108.0, 307.0, 57.0, 20.0 ],
    "text" : "s tobang"
}
},
{
    "bo
{
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,

```

```

    "id" : "obj-69",

    "maxclass" : "newobj",

    "numinlets" : 2,

    "numoutlets" : 2,

    "outlettype" : [ "", "" ],

    "patching_rect" : [ 61.75, 227.0, 51.0, 20.0 ],

    "text" : "zl rot -1"
    }
},
{
    "bo
    {
        "fontname" : "Arial",

        "fontsize" : 12.0,

        "frgb" : 0.0,

        "id" : "obj-67",

        "maxclass" : "comment",

        "numinlets" : 1,

        "numoutlets" : 0,

        "patching_rect" : [ 223.0, 199.0, 143.0, 20.0 ],

        "text" : "varighet, pitch, dynamikk"
    }
},
{
    "bo
    {
        "fontname" : "Arial",

        "fontsize" : 12.0,

        "id" : "obj-64",

```

```

    "maxclass" : "newobj",
    "numinlets" : 4,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 61.75, 199.0, 154.0, 20.0 ],
    "text" : "pack 0 0 0 0"
  }
},
{
  "bo
  {
    "id" : "obj-63",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 67.0, 118.0, 20.0, 20.0 ]
  }
},
{
  "bo
  {
    "id" : "obj-61",
    "maxclass" : "button",
    "numinlets" : 1,
    "numoutlets" : 1,
    "outlettype" : [ "bang" ],
    "patching_rect" : [ 50.0, 118.0, 20.0, 20.0 ]
  }
}
}

```

```

,
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-58",
    "maxclass" : "newobj",
    "numinlets" : 2,
    "numoutlets" : 2,
    "outlettype" : [ "float", "" ],
    "patching_rect" : [ 50.0, 140.0, 37.0, 20.0 ],
    "text" : "timer"
},
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-57",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 144.5, 140.0, 37.0, 18.0 ],
    "text" : "set a"
},

```

```

x" : {
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-47",
    "maxclass" : "newobj",
    "numinlets" : 0,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 142.5, 98.0, 41.0, 20.0 ],
    "text" : "r out2"
}
,
{
    "bo
{
x" :
    "fontname" : "Arial",
    "fontsize" : 12.0,
    "id" : "obj-13",
    "maxclass" : "message",
    "numinlets" : 2,
    "numoutlets" : 1,
    "outlettype" : [ "" ],
    "patching_rect" : [ 92.0, 98.0, 43.0, 18.0 ],
    "text" : "set $1"
}
,
{
    "bo
{
x" :

```

```

        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-5",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 3,
        "outlettype" : [ "int", "int", "int" ],
        "patching_rect" : [ 92.0, 70.0, 79.0, 20.0 ],
        "text" : "unpack 0 0 0"
    }
},
{
    "bo
{
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-21",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 92.0, 138.0, 43.0, 20.0 ],
        "text" : "match"
    }
},
{
    "bo
{
        "comment" : "",

```

```

        "id" : "obj-81",
        "maxclass" : "inlet",
        "numinlets" : 0,
        "numoutlets" : 1,
        "outlettype" : [ "" ],
        "patching_rect" : [ 92.0, 40.0, 25.0, 25.0 ]
    }
}
],
    "lines" : [
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-21", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 117.0, 101.5, 117.0 ],
        "source" : [ "obj-13", 0 ]
    }
}
,
    {
        "pa
tchline" :
    {
        "destination" : [ "obj-61", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 117.0, 87.0, 117.0, 87.0, 114.0, 59.5, 114.0 ],
        "source" : [ "obj-13", 0 ]
    }
}
}

```

```
, {
    "path": "pa
tchline" :
    {
        "destination" : [ "obj-57", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 159.0, 141.0, 159.0, 141.0, 135.0, 154.0, 135.0 ],
        "source" : [ "obj-21", 0 ]
    }
}
```

```
, {
    "path": "pa
tchline" :
    {
        "destination" : [ "obj-63", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 101.5, 159.0, 87.0, 159.0, 87.0, 114.0, 76.5, 114.0 ],
        "source" : [ "obj-21", 0 ]
    }
}
```

```
, {
    "path": "pa
tchline" :
    {
        "destination" : [ "obj-64", 2 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
}
```

```
, {
    "path": "pa
tchline" :
    {
        "destination" : [ "obj-64", 2 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-21", 0 ]
    }
}
```

```

tchline" :
{
    "destination" : [ "obj-64", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-4", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 152.0, 120.0, 101.5, 120.0 ],
    "source" : [ "obj-47", 0 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-13", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 101.5, 90.0, 101.5, 90.0 ],
    "source" : [ "obj-5", 0 ]
}
},
{
    "pa

```

```

tchline" :
{
    "destination" : [ "obj-64", 1 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-5", 2 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-64", 3 ],
    "disabled" : 0,
    "hidden" : 0,
    "source" : [ "obj-5", 1 ]
}
},
{
    "pa
tchline" :
{
    "destination" : [ "obj-21", 0 ],
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 154.0, 159.0, 135.0, 159.0, 135.0, 135.0, 101.5, 135.0 ],
    "source" : [ "obj-57", 0 ]
}
},
{
    "pa
tchline" :
{

```

```
"destination" : [ "obj-64", 0 ],
"disabled" : 0,
"hidden" : 0,
"midpoints" : [ 59.5, 192.0, 71.25, 192.0 ],
"source" : [ "obj-58", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-58", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 59.5, 138.0, 59.5, 138.0 ],
        "source" : [ "obj-61", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-58", 1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 76.5, 138.0, 77.5, 138.0 ],
        "source" : [ "obj-63", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
```

```

"destination" : [ "obj-69", 0 ],
"disabled" : 0,
"hidden" : 0,
"midpoints" : [ 71.25, 219.0, 71.25, 219.0 ],
"source" : [ "obj-64", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-1", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 71.25, 294.0, 117.5, 294.0 ],
        "source" : [ "obj-69", 0 ]
    }
    }
    {
    "pa
tchline" :
    {
        "destination" : [ "obj-2", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 71.25, 294.0, 202.5, 294.0 ],
        "source" : [ "obj-69", 0 ]
    }
    }
    {
    "pa
tchline" :

```

```

        {
            "destination" : [ "obj-6", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-69", 0 ]
        }
    }
    ,
    {
        "patching_rect" : [ 63.5, 53.0, 20.0 ],
        "saved_object_attribute" : {
            "default_fontface" : "Arial",
            "default_fontname" : "Arial",
            "default_fontsize" : 12.0,
            "description" : "",
            "digest" : "",
            "fontface" : 0,
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "globalpatchername" : ""
        }
    }
]
,
303.0, 53.0, 20.0 ],
s" :
" : 0,
e" : "Arial",
" : 12.0,
"Arial",
me" : "",

```

```

    "tags" : ""
  }
,
  "text" : "p match"
}
}
{
  "box" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "id" : "obj-46",
      "maxclass" : "newobj",
      "numinlets" : 1,
      "numoutlets" : 0,
      "patching_rect" :
        [ 224.5, 182.0, 43.0, 20.0 ],
      "text" : "s out2"
    }
}
{
  "box" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "frgb" : 0.0,
      "id" : "obj-42",
      "maxclass" :
        "comment",
      "numinlets" : 1,
      "numoutlets" : 0,
      "patching_rect" :
        [ 274.0, 182.0, 73.0, 20.0 ],
      "text" : "stoppunkter"
    }
}
{
  "box" :
    {
      "fontname" : "Arial",
      "fontsize" : 12.0,
      "frgb" : 0.0,
      "id" : "obj-40",
      "maxclass" :
        "comment",
      "numinlets" : 1,
      "numoutlets" : 0,

```

```

182.0, 74.0, 20.0 ],
    "patching_rect" : [ 81.0,
    "text" : "startpunkter"
    }
    }
    {
    "box" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-3",
        "maxclass" : "newobj",
        "numinlets" : 2,
        "numoutlets" : 2,
        "outlettype" : [ "", "" ],
        "patching_rect" : [ 50.0,
        "text" : "if $i2 > 0 then
        }
    }
    {
    "box" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-25",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 2,
        "outlettype" : [ "",
        "patching_rect" : [ 50.0,
        "text" : "t l b"
        }
    }
    {
    "box" :
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-24",
        "maxclass" : "newobj",
        "numinlets" : 5,
        "numoutlets" : 4,
        "outlettype" : [ "int", "",

```

```

    "", "int" ],
    234.0, 86.0, 20.0 ],
    },
    {
        "box" :
        {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-23",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 11,
            "outlettype" : [ "", "", "",
                "patching_rect" : [ 63.5,
                "text" : "counter 0 1 11"
            ]
        }
    },
    {
        "box" :
        {
            "comment" : "",
            "id" : "obj-13",
            "maxclass" : "inlet",
            "numinlets" : 0,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 50.0,
            "text" : "gate 11"
            ]
        }
    },
    {
        "lines" : [
            {
                "patchline" :
                {
                    "destination" :
                    {
                        "disabled" : 0,
                        "hidden" : 0,
                        "midpoints" :
                        {
                            "source" : [ "obj-1", 0 ]
                        }
                    }
                }
            }
        ]
    },
    [ "obj-105", 0 ],
    [ 406.700012, 66.0, 406.700012, 66.0 ],

```

```

    }
  }
  ,
  {
    "patchline" :
      "destination" : [ "obj-5",
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" :
          "source" : [ "obj-103",
            0 ],
          ]
    }
  }
  ,
  {
    "patchline" :
      "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" :
          "source" : [ "obj-105",
            0 ],
          ]
    }
  }
  ,
  {
    "patchline" :
      "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" :
          [ 433.450012, 117.0, 417.0, 117.0, 417.0, 120.0, 406.700012, 120.0 ],
          "source" : [ "obj-112",
            0 ],
          ]
    }
  }
  ,
  {
    "patchline" :
      "destination" : [ "obj-3",
        0 ],
      ]
    }
  }

```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-13", 0 ]
    }
}
{
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "midpoints" :
                "source" : [ "obj-2", 0 ]
        }
}
{
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "midpoints" : [ 73.0,
                "source" : [ "obj-23", 0 ]
            ]
        }
}
{
    "patchline" :
        "destination" :
            "disabled" : 0,
            "hidden" : 0,
            "midpoints" :
                "source" : [ "obj-23", 1 ]
        }
}
{
    "patchline" :
        "destination" :

```

["obj-112", 0],

[490.400024, 84.0, 433.450012, 84.0],

["obj-83", 0],

285.0, 73.0, 285.0],

["obj-84", 0],

[114.699997, 300.0, 117.0, 300.0, 117.0, 318.0, 114.700012, 318.0],

["obj-85", 0],

```

        "disabled" : 0,
        "hidden" : 0,
        "midpoints" :
[ 156.399994, 318.0, 159.0, 318.0, 159.0, 339.0, 156.399994, 339.0 ],
        "source" : [ "obj-23", 2 ]
    }

    }
    {
        "patchline" :

        "destination" :

        "disabled" : 0,
        "hidden" : 0,
        "midpoints" :

        "source" : [ "obj-23", 3 ]
    }

    }
    {
        "patchline" :

        "destination" :

        "disabled" : 0,
        "hidden" : 0,
        "midpoints" :

        "source" : [ "obj-23", 7 ]
    }

    }
    {
        "patchline" :

        "destination" :

        "disabled" : 0,
        "hidden" : 0,
        "midpoints" :
[ 323.200012, 309.0, 327.0, 309.0, 327.0, 339.0, 323.400024, 339.0 ],
        "source" : [ "obj-23", 6 ]
    }

    }
    {
        "patchline" :

```

```

[ "obj-90", 0 ],
300.0, 285.0, 300.0, 285.0, 318.0, 281.700012, 318.0 ],
    "destination" :
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 281.5,
    "source" : [ "obj-23", 5 ]
    }
    }
    {
    "patchline" :
    "destination" :
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" :
    "source" : [ "obj-23", 4 ]
    }
    }
    {
    "patchline" :
    "destination" :
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" : [ 490.0,
    "source" : [ "obj-23",
    10 ]
    }
    }
    {
    "patchline" :
    "destination" :
    "disabled" : 0,
    "hidden" : 0,
    "midpoints" :
    [ 448.299988, 300.0, 450.0, 300.0, 450.0, 321.0, 449.400024, 321.0 ],
    "source" : [ "obj-23", 9 ]
    }
    }
    }

```

```

,
{
    "patchline" :
    {
        "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" :
        "source" : [ "obj-23", 8 ]
    }
},
{
    "patchline" :
    {
        "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 73.0,
        "source" : [ "obj-24", 0 ]
    }
},
{
    "patchline" :
    {
        "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 59.5,
        "source" : [ "obj-25", 0 ]
    }
},
{
    "patchline" :
    {
        "destination" :
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 73.0,
        "source" : [ "obj-25", 1 ]
    }
}

```

["obj-94", 0],

[406.600006, 285.0, 406.700012, 285.0],

["obj-23", 0],

255.0, 73.0, 255.0],

["obj-23", 1],

219.0, 490.0, 219.0],

["obj-24", 0],

204.0, 73.0, 204.0],

```

    },
    {
      "patchline" :
      {
        "destination" :
        [ "obj-46", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 233.5,
        177.0, 234.0, 177.0 ],
        "source" : [ "obj-3", 1 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-6",
        0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 59.5,
        150.0, 59.5, 150.0 ],
        "source" : [ "obj-3", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" : [ "obj-6",
        1 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" :
        [ 406.700012, 171.0, 357.0, 171.0, 357.0, 159.0, 93.0, 159.0, 93.0, 153.0, 81.5,
        153.0 ],
        "source" : [ "obj-5", 0 ]
      }
    },
    {
      "patchline" :
      {
        "destination" :
        [ "obj-25", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "midpoints" : [ 59.5,

```

177.0, 59.5, 177.0],

"source" : ["obj-6", 0]

}

}

]

}

,

"patching_rect" : [48.5, 549.0, 112.0, 20.0],

"saved_object_attributes" :

{

"default_fontface" : 0,

"default_fontname" : "Arial",

"default_fontsize" : 12.0,

"description" : "",

"digest" : "",

"fontface" : 0,

"fontname" : "Arial",

"fontsize" : 12.0,

"globalpatchername" : "",

"tags" : ""

}

,

"text" : "p innpunkt_utpunkt"

}

}

,

{

"box" :

{

"id" : "obj-109",

"maxclass" : "button",

"numinlets" : 1,

"numoutlets" : 1,

"outlettype" : ["bang"],

"patching_rect" : [818.0, 4.0, 50.0, 50.0],

"presentation" : 1,

"presentation_rect" : [434.0, 43.0, 50.0, 50.0]

}

}

,

{

"box" :

{

"fontname" : "Arial",

"fontsize" : 12.0,

"id" : "obj-106",

"maxclass" : "newobj",

"numinlets" : 1,

"numoutlets" : 0,

"patching_rect" : [818.0, 66.0, 83.0, 20.0],

"presentation" : 1,

```

        "presentation_rect" : [ 434.0, 105.0, 83.0, 20.0 ],
        "text" : "s stop_record"
    }
}
,
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-102",
        "maxclass" : "newobj",
        "numinlets" : 1,
        "numoutlets" : 0,
        "patching_rect" : [ 718.0, 66.0, 84.0, 20.0 ],
        "presentation" : 1,
        "presentation_rect" : [ 334.0, 105.0, 84.0, 20.0 ],
        "text" : "s start_record"
    }
}
,
{
    "box" :
    {
        "id" : "obj-101",
        "maxclass" : "button",
        "numinlets" : 1,
        "numoutlets" : 1,
        "outlettype" : [ "bang" ],
        "patching_rect" : [ 718.0, 4.0, 50.0, 50.0 ],
        "presentation" : 1,
        "presentation_rect" : [ 334.0, 43.0, 50.0, 50.0 ]
    }
}
,
{
    "box" :
    {
        "fontname" : "Arial",
        "fontsize" : 12.0,
        "id" : "obj-2",
        "items" : [ "AU DLS Synth 1", ",", "CME U2MIDI",
        ",", "nanoKONTROL2 CTRL", ",", "from Max 1", ",", "from Max 2", ",", "Kenton
        Killamix Mini", ",", "USB Axiom 25 Port 1" ],
        "maxclass" : "umenu",
        "numinlets" : 1,
        "numoutlets" : 3,
        "outlettype" : [ "int", "", "" ],
        "parameter_enable" : 0,
        "patching_rect" : [ 213.5, 50.0, 130.0, 20.0 ],
        "presentation" : 1,
        "presentation_rect" : [ 170.5, 73.0, 130.0, 20.0 ]
    }
}

```

```

    },
    {
        "box" : {
            "id" : "obj-19",
            "maxclass" : "button",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "bang" ],
            "patching_rect" : [ 213.5, 4.0, 20.0, 20.0 ],
            "presentation" : 1,
            "presentation_rect" : [ 170.5, 20.0, 20.0, 20.0 ]
        }
    },
    {
        "box" : {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-17",
            "maxclass" : "newobj",
            "numinlets" : 2,
            "numoutlets" : 1,
            "outlettype" : [ "" ],
            "patching_rect" : [ 213.5, 27.0, 52.0, 20.0 ],
            "presentation" : 1,
            "presentation_rect" : [ 170.5, 43.0, 52.0, 20.0 ],
            "text" : "midiinfo"
        }
    },
    {
        "box" : {
            "fontname" : "Arial",
            "fontsize" : 12.0,
            "id" : "obj-1",
            "maxclass" : "newobj",
            "numinlets" : 1,
            "numoutlets" : 1,
            "outlettype" : [ "int" ],
            "patching_rect" : [ 269.0, 76.0, 42.0, 20.0 ],
            "text" : "midiin"
        }
    },
],
"lines" : [
    {
        "patchline" : {
            "destination" : [ "obj-82", 0 ],
            "disabled" : 0,

```

```

        "hidden" : 0,
        "source" : [ "obj-1", 0 ]
    }

    },
    {
        "patchline" : {
            "destination" : [ "obj-102", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "midpoints" : [ 727.5, 54.0, 727.5, 54.0 ],
            "source" : [ "obj-101", 0 ]
        }
    }

    },
    {
        "patchline" : {
            "destination" : [ "obj-106", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "midpoints" : [ 827.5, 54.0, 827.5, 54.0 ],
            "source" : [ "obj-109", 0 ]
        }
    }

    },
    {
        "patchline" : {
            "destination" : [ "obj-10", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-11", 0 ]
        }
    }

    },
    {
        "patchline" : {
            "destination" : [ "obj-13", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-12", 0 ]
        }
    }

    },
    {
        "patchline" : {
            "destination" : [ "obj-2", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "midpoints" : [ 223.0, 48.0, 223.0, 48.0 ],
            "source" : [ "obj-17", 0 ]
        }
    }

```

```

    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-20", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-18", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-17", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "midpoints" : [ 223.0, 24.0, 223.0, 24.0 ],
                "source" : [ "obj-19", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-1", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "midpoints" : [ 278.5, 72.0, 278.5, 72.0 ],
                "source" : [ "obj-2", 1 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-39", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-22", 0 ]
            }
    }

    ,
    {
        "patchline" :
            {
                "destination" : [ "obj-25", 0 ],
                "disabled" : 0,
                "hidden" : 0,
                "source" : [ "obj-23", 0 ]
            }
    }
}

```

```

,      {
        "patchline" : {
            "destination" : [ "obj-32", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-25", 0 ]
        }
    }
,      {
        "patchline" : {
            "destination" : [ "obj-40", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-26", 0 ]
        }
    }
,      {
        "patchline" : {
            "destination" : [ "obj-22", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-27", 0 ]
        }
    }
,      {
        "patchline" : {
            "destination" : [ "obj-26", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "midpoints" : [ 901.5, 330.5, 936.0, 330.5, 936.0,
402.5, 921.0, 402.5 ],
            "source" : [ "obj-27", 1 ]
        }
    }
,      {
        "patchline" : {
            "destination" : [ "obj-30", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-28", 0 ]
        }
    }
,      {
        "patchline" : {
            "destination" : [ "obj-22", 0 ],

```

```

        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-30", 0 ]
    }

    },
    {
        "patchline" : {
            "destination" : [ "obj-27", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-31", 0 ]
        }
    },
    {
        "patchline" : {
            "destination" : [ "obj-22", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-32", 0 ]
        }
    },
    {
        "patchline" : {
            "destination" : [ "obj-26", 1 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-32", 1 ]
        }
    },
    {
        "patchline" : {
            "destination" : [ "obj-45", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-34", 0 ]
        }
    },
    {
        "patchline" : {
            "destination" : [ "obj-26", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-39", 0 ]
        }
    }

```

```
    },
    {
      "patchline" : {
        "destination" : [ "obj-44", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-42", 0 ]
      }
    }
  ],
  {
    "patchline" : {
      "destination" : [ "obj-22", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-44", 0 ]
    }
  },
  {
    "patchline" : {
      "destination" : [ "obj-87", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-5", 0 ]
    }
  },
  {
    "patchline" : {
      "destination" : [ "obj-36", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-7", 1 ]
    }
  },
  {
    "patchline" : {
      "destination" : [ "obj-37", 0 ],
      "disabled" : 0,
      "hidden" : 0,
      "source" : [ "obj-7", 2 ]
    }
  },
  {
    "patchline" : {
      "destination" : [ "obj-9", 0 ],
      "disabled" : 0,
```

```

        "hidden" : 0,
        "source" : [ "obj-7", 0 ]
    }

    },
    {
        "patchline" : {
            "destination" : [ "obj-14", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-81", 0 ]
        }
    }

    },
    {
        "patchline" : {
            "destination" : [ "obj-7", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-81", 1 ]
        }
    }

    },
    {
        "patchline" : {
            "destination" : [ "obj-88", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-81", 2 ]
        }
    }

    },
    {
        "patchline" : {
            "destination" : [ "obj-45", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-82", 0 ]
        }
    }

    },
    {
        "patchline" : {
            "destination" : [ "obj-81", 0 ],
            "disabled" : 0,
            "hidden" : 0,
            "source" : [ "obj-82", 0 ]
        }
    }
}

```

```
, {
    "patchline" : {
        "destination" : [ "obj-15", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-87", 0 ]
    }
},
{
    "patchline" : {
        "destination" : [ "obj-101", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-88", 0 ]
    }
},
{
    "patchline" : {
        "destination" : [ "obj-109", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-88", 1 ]
    }
},
{
    "patchline" : {
        "destination" : [ "obj-11", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-88", 2 ]
    }
},
{
    "patchline" : {
        "destination" : [ "obj-12", 0 ],
        "disabled" : 0,
        "hidden" : 0,
        "source" : [ "obj-88", 3 ]
    }
},
{
    "patchline" : {
        "destination" : [ "obj-18", 0 ],
        "disabled" : 0,
        "hidden" : 0,
```

```
        "source" : [ "obj-88", 4 ]
      }
    }
  ],
  "dependency_cache" : [ ]
}
```