**Shape, circle

Description automatically generatedLittle Mouse**

For the mini-animation assignment, we used code to draw this animation by drawing a picture of a little mouse. To illustrate this, change the mouse's hat color at random, then change the background color by dragging the mouse along the X-axis. You can also rotate the eyes along the X-axis.

Text

Description automatically generatedH**ere is code that we use to do this animation**

Text

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

**From line 1 to 24**

* Text

  Description automatically generatedLine 1 to 5, It is to set variables to get the value of the picture that will be shown in the output (animation).
* Line 6 to 9 for

creating canvas and coloring canvas.

* Line 10 to 24 for is draw function

Including 13 functions

1. drawbg
2. drawhat
3. drawear
4. drawshirts
5. drawneck
6. drawbuttons
7. drawface
8. drawnose
9. drawmouth
10. draweye
11. blackeye
12. drawleftmoustache
13. drawrightmoustache

Text

Description automatically generated**drawbg function**

* Line 26 to 27 is for mapping cursor and change background color on Line 28.
* Line 29 is set to table color.
* Line 30 is draw table.

**Text

Description automatically generateddrawhat function**

* Line 33 is set stroke weight.



Section 1

Section 3

Section 2

* Line 34, 38 is set hat in section 1 and 3 red.
* Line 36 is set hat in section 2 is change color at random.
* Lines 35, 37, and 39 are drawn hats by each section.

**Text

Description automatically generateddrawear function**

* Line 42 is set stroke weight.
* Lines 43, 45, 47, and 49 are set colors.
* Lines 44, 46, 48, and 50 are drawn as ears and inner ears.

**drawshirts function**

**Text

Description automatically generated**

* Line 52 is the set stroke weight.
* Line 54 is set in red color.
* Line 55 is a draw shirt.

**drawneck function**

**Text

Description automatically generated**

* Line 58 is the set stroke weight.
* Line 59 is set color.
* Line 60 is a draw neck.

**Text

Description automatically generateddrawbuttons function**

A picture containing text, clipart

Description automatically generated

* Line 63 is the set stroke weight.

Button 1

* Line 64 is set color.
* Lines 65 and 66 is a draw button1 and 2.

Button 2

**drawface function**

**Text

Description automatically generated**

* Line 69 is the set stroke weight.
* Line 70 is set color.
* Line 71 is a draw arc.

**Text

Description automatically generateddrawnose function**

* A close-up of a cell phone

  Description automatically generated with low confidenceLine 74 is the set stroke weight.
* Line 75 is set color.
* Line 76 is a draw triangle.



* Line 77 to 82 is drawing a point.

**drawmouth function**

* Line 85 is the set stroke weight.
* Lines 86 and 87 is draw lines.Text

  Description automatically generated

**draweye function**

**Text

Description automatically generated**

* Line 90 create an if-else condition. If the mouse is pressed, will create
  + Line 91 is the set stroke weight.
  + Line 92 is set color.
  + Lines 93 and 94 are draw left eye and right eye.
* Line 96 is else condition.
  + Line 97 is the set stroke weight.
  + Line 98 is set color.
  + Lines 99 and 100 are draw left eye and right eye.

**Shape, circle, rectangle

Description automatically generated**

The mouse doesn’t press.

The mouse is pressed.

**Text

Description automatically generatedblackeye function**

* Line 104 create an if-else condition. If the mouse is pressed, will create
  + Line 105 is the set stroke weight.
  + Line 106 is set color.
  + Lines 107 and 108 are draw left blackeye and right blackeye.
* Line 110 is else condition.
  + Line 111 is the set stroke weight.
  + Line 112 is set color.
  + Lines 113 and 119 are draw left eye and right eye. By using mouseX and mouseY

to receive value and replace in empty value.

Shape, circle, rectangle

Description automatically generated

While dragging the mouse.

**drawleftmoustache and drawrightmoustache function**

**Text

Description automatically generated**

* **For left moustache**
  + Line 129 is the set stroke weight.
  + Lines 130, 131, and 132 is draw lines.
* **For right moustache**
  + Line 136 is the set stroke weight.
  + Lines 137, 138, and 139 is draw lines.

A picture containing text, clock, watch, gauge

Description automatically generated