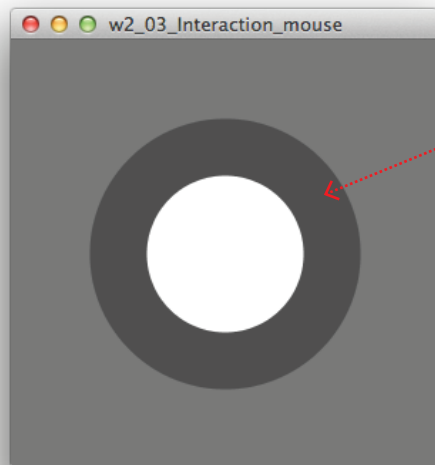
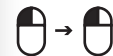


[Basic Mouse Interaction]



Ⓜ Normal
Ⓜ Left button pressed



Mouse Dragged

In/Decrease strokeWidth according to mouseX position while left mouse button is pressed and dragged.

```
void mouseDragged() {
  strokeWidthValue = mouseX/10;
}
```

* **mousePressed** is a system variable. mousePressed is true if a mouse button is pressed and false if no button is pressed.

```
if(mousePressed){
  strokeColorValue = 50 + mouseY/5;
}
```

Change Circle size from 150 to 60 pix.
It occurs once when mouse button pressed.

```
void mousePressed() {
  circleWidth = 150;
}
```

The **mousePressed()** function is called every time a mouse button is pressed.

Change Circle size from 60 to 150 pix.
It occurs once when the mouse button is released.

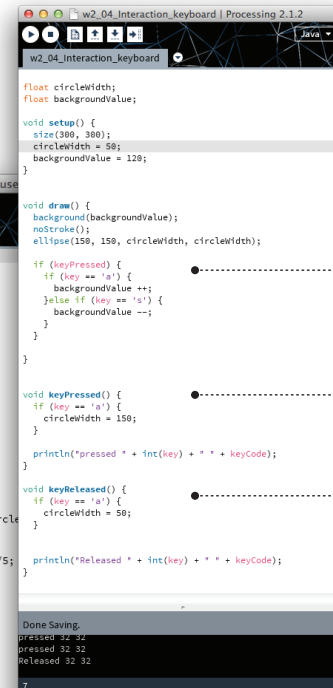
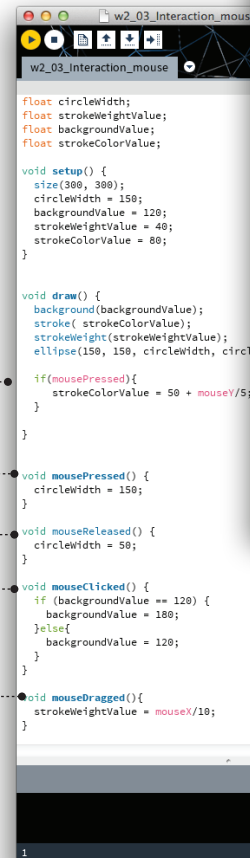
```
void mouseReleased() {
  circleWidth = 60;
}
```

The **mouseReleased()** function is called every time a mouse button is released.

Switch background color from 180 to 100 pix.
It occurs once when mouse button clicked.
*Click : pressed and released

```
void mouseClicked() {
  circleWidth = 60;
}
```

The **mouseClicked()** function is called every time a mouse button is clicked.



[Basic Keyboard Interaction]

Ⓜ Normal Ⓜ Keyboard pressed Ⓜ Keyboard released

* **keyPressed** is a system variable. "keyPressed" is true if a keyboard button is pressed and false if a keyboard is not pressed.

In this sketch the background color becomes darker when keyboard 's' is pressed, and become lighter when keyboard 'a' is pressed.

```
if (keyPressed) {
  if (key == 'a') {
    backgroundValue ++;
  }else if (key == 's') {
    backgroundValue --;
  }
}
```



Keyboard Pressed

Change Circle size to 160 when key 'c' is pressed.

```
void keyPressed() {
  circleWidth = 160;
}
```

The **keyPressed()** function is called every time a key is pressed.



Keyboard Released

Change Circle size to 60 when key 'c' is released.

```
void keyReleased() {
  circleWidth = 160;
}
```

The **keyReleased()** function is called every time a key is released.

