

today

Due: Final Project Prototype

load multiple images / SVG / data

code Final Project

Student Presentations

Wednesday, March 9

Due: Final Project debug

Student Presentations

Monday, March 14: Final Project Critique

- Be actively present for everyone's presentation
- Absolutely no late project accepted

load multiple image

Image AV > Load_more_images > Load_more_images.pde

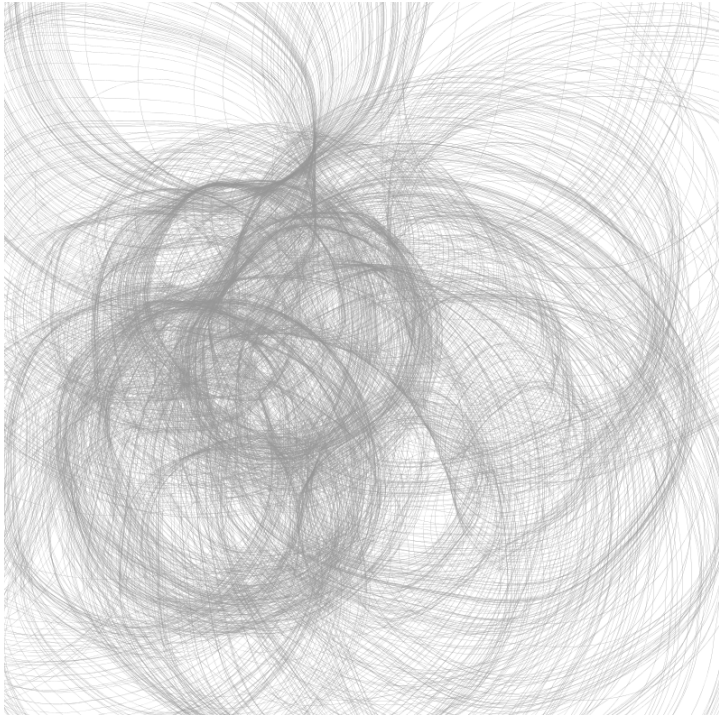
```
PImage img1, img2, img3;
```

```
void setup() {  
  fullScreen();  
  img1 = loadImage ("tw1.jpg");  
  img2 = loadImage ("tw2.jpg");  
  img3 = loadImage ("tw3.jpg");  
}
```

```
void draw() {  
  image(img1, width/2-150-300-10, height/4);  
  image(img2, width/2-150, height/4);  
  image(img3, width/2+150+10, height/4);  
}
```

SVG

SVG > organic_circle.pde



```
PShape circleShape;  
float x=0, y=0;  
float size;  
float change;  
float angle=0;  
  
void setup() {  
  size(800, 800);  
  background(255);  
  frameRate(12);  
  circleShape=loadShape("organic_circle.svg");  
}
```

code continues on the next page.

```
void draw() {  
  if (mouseX != 0 || mouseY != 0) {  
  
    circleShape.disableStyle();  
    fill(200, 200, 0, map(mouseX, 0, width, 0, 0));  
    stroke(150);  
    strokeWeight(0.1);  
  
    translate(mouseX, mouseY);  
    rotate(angle);  
    angle+=random(0, 0.02);  
  
    shape(circleShape, mouseX-400, mouseY-400, 400+size,  
400+size);  
    change=random(-10, 10);  
    size+=change;  
  }  
}
```

data

data > data.pde

```
int[] heightInfo; //create an array named heightInfo

void setup() {
    size (500, 500);

    String[] myData=loadStrings("height.csv"); //load data into String named myData
    heightInfo = int (split(myData[0], ',')); //heightInfo
}

void draw(){
    background (255);
    stroke(0);
    for (int i=0; i<heightInfo.length; i++){ //use for loop to draw bars across.
        rect(i*20, 0, 20, heightInfo[i]);
    }
}
```