```
void mousePressed() {
size(int, int, type); //window size
                                          int num = int (random(5, 20));
size( 800, 600); //2
                                          circles(num, mouseX, mouseY);
size( 800, 600, P3D); //3D
background(0); //black
                                        void draw() {
background(255); //white
                                          if (mousePressed == true) {
background(Red, Green, Blue);
                                            point(mouseX, mouseY);
background(100, 200, 200); //teal
random(0, 100) // between 0, 100
                                        }
fill(#11F7F2); //colour, teal
rect( left, top, right, bottom);
                                        FONTS
stroke( #F7113C); //line colour
                                        PFont myFont;
strokeWeight(20) // line thickness
                                        myFont = createFont("Georgia", 66);
line( left, top, right, bottom);
                                        textFont(myFont);
text("Hello", left, right);
ellipse(left, top, width, height);
                                        LISTS
noStroke(); //don't do shape lines
                                        float[] zs = new float[50];
mouseX;mouseY:
                                        String[] words = new String[3];
width , height;
frameCount;
                                        words={"Apple", "Oranges", "Pears"};
                                        println(words.length, "words");
      Save your project
      CTRL-K to go to project folder
                                        REPEAT LOOPS
      Create a "data" folder
      Add a picture
                                        void circles(int num, int x, int y) {
                                          for (int i=0; i < num; i++) {
float xPos;
                                          float xPos = x + random(-50, 50);
int counter;
                                          float yPos = y + random(-50, 50);
                                          ellipse(xPos, yPos,random(4,4),10);
PImage img;
String myText = "";
color c = color(100, 200, 200);
boolean playing = false;
println("Colour:", c);
                                        while( i < words.length) {</pre>
See: Plmage, imageMode(), tint() and filter()
                                           text(words[i], 30, 30);
                                           i++;
                                        }
void setup() {
  // loading code here
  // do once
                                        void keyPressed() {
  size( 600, 600);
                                              save("my drawing.png");
  img = loadImage("myimage.jpg");
                                        DATA
void draw() {
                                        Table table;
   // repeated code here
                                        loadTable("mydata.csv" ) //data file
  image(img, 10, 10, 50, 50);
                                        for (TableRow row : table.rows()) {
                                          int id = row.getInt("id");
                                          String name =row.getString("name");
//create a variable
                                          println(name + ": " + id);
int myCounter = 0;
myCounter ++; // add one onto it
                                        GEOMETRY
if ( myCounter > width) {
                                        translate(x, y) // go to this point
  // reset the counter
                                        pushMatrix();
  myCounter = 0;
                                          //do some code here
                                        popMatrix();
if ( millis() % 8 == 1){}
```

**FUNCTIONS** 

https://processing.org/reference/