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N220

Link to Github code: <https://ian-hinton.github.io/n220LabsSP2022/>

Reflection: I begin planning my composition by writing out what I wanted to happen in my program. I knew I wanted to draw lots of colored circles and so I settled with the idea of drawing randomly colored smiley faces of varying sizes whenever the mouse is pressed. I started my process by writing out on paper the lines of code that I knew I would need such as function setup() and function draw(). I proceeded to create the smiley face within an if statement because I wanted the faces to be drawn while the mouse was pressed. I struggled with writing the code to position the eyes and mouth in the correct places. I used the reference page on p5js.org in order to understand the arc() drawing method. I didn’t want the smiley faces to be too small, so I added a variable “small” and into a third function and told the computer to redraw the draw function if the size is less than 5 pixels. Overall, I learned quite a bit from trial and error, in terms of the order the code needs to be written in, the random() element, and how to use console.log.

Planning Material: Drawing and flowchart