Personal Composition Word Doc

April Kim

23523

**My N220 Project Homepage Link**

<https://saffrondragon.github.io/n220sp23/>

**Personal Composition Link**

<https://saffrondragon.github.io/n220sp23/labs/lab1/index.html>

**Algorithm**

<https://saffrondragon.github.io/n220sp23/labs/lab1/algo.txt>

My plan is to use p5 to draw a cat. I will use variables to create the radius

so that the eyes are easier to create. I will also use a variable to set the

length of the ears. These changes will ensure things stay proportionate even with editing.

I will use an oval face, a circle within a circle for each eye. Weighted strokes for the

whiskers. Triangle for the ears.

**Reflection**

I started by thinking about what I could “draw” where variables would be useful. I thought anything that I want to be symmetrical would be a good choice. I thought of a cat face! I used the variables for the eyeballs and the whisker placement. They actually came in handy because I wanted to resize the eyes and was able to do that with ease. I also moved the whiskers up and down until I was happy with the placement. I had another project planned, but I scraped it. It would be visible in the repository. I made the letter “A”, but it was not as cool as I wanted it to be. I should have made a triangle and cut shapes into it, instead of making a bunch of vertices and wasting time. Overall, this project is helping me get excited about programming because of the interactive feedback that the graphics provide.

**Planning materials used**

I googled cat clip art for a rough idea. I planned my idea in a text file. I messed around with the code until it looked how I wanted. Then I cleaned up the code a bit.