

Name: Vinh Tuan Dat Nguyen (Percy)

## Exercise 8 - Reflection

My favorite aspect of programming is that it allows room for creativity even for beginner programmers. I especially love the interactivity with the player that p5js offers and render me able to create ridiculous games. P5js is relatively forgiving for beginners like me and it just takes overall a lot of hours of playing around with the code for it to start working. The p5js library is also quite lovely as I was able to learn a lot from there. However, after the exercise 1 (drawing an alien) I was not optimistic about where p5 was going I believed that we had to draw using only codes for the rest of the course which would be absolutely painful.

The most challenging elements I have encountered is OOP, arrays and OOP in an array. I am very confused when creating array even though the for loop seems logically reasonable. For OOP, it took me awhile before being able to use variables from an object.js in the main script and allow different interaction with other objects. However I still remember how grateful I am as I believe the week that OOP and array was both introduced together, we only had 4-5 videos to watch altogether which makes it easier to absorb the new information.

I am most proud of the project 1 that I made as I had a bloody hilarious time writing the script as it goes along and try to add different functions into the game. One of the darker uses of function was the Russian roulette random function and the creative use of mapping the background color to the mouse x position to “create a time machine” while overdose. I am also happy of exercise 5 where the player has to catch many many tiny crazy stars by the flick of their wrist. I did note that you had a bit of trouble finishing the game! The goal is to create move the mouse horizontally or diagonally, covering a large space as fast as you can. The random stars will eventually fall into your grasp!

Although programming will probably not be my main job in the future, I do believe that it will help me greatly in either creating a portfolio website and really make that website pop out and be more interactive and original than others.