Ashley Deosaran
Creative Coding
Final Deliverables

• *Critically analyze/evaluate how much time was spent learning syntax & structure, programming concepts vs. actually programming, and how does this reflect on the final quality of your end result.*

I spent a lot more time programming because it was easier to just copy and paste example code to see what it does. On the final, I went back and forth with many ideas trying different subjects from image manipulation to sound and this led me to wanting to do them for the final but struggling with how to incorporate it into what I was currently working on.

• *Comment on your successes and frustrations with Processing and P5.js.*

When it comes to p5.js, there needs to be more examples and documentation on how to use some of their libraries. It was hard to find computer vision examples for p5 on my own. The same goes for the Web Audio API. There is no real explanation on how to use it with p5 and the best I have found was a github blog from 6 years ago where a lot of the examples were not working at all or with current updates to p5 or the web.

Daniel Shiffman's The Coding Train videos were very helpful along with therewasaguy github.

• *Compare and contrast OOP versus Procedural Programming. How are they similar? How are they different?*

Procedural Programming relies on functions while Object Oriented creates objects than contain their own functions. These objects can create instances that work independently of each other while using the same functions.

• *Specifically considering your final project: What programming concepts solidified in your final project? What did you learn with reference to programming? Did you have a break through?*

Image Manipulation and pixels solidified. It took awhile but I finally got to the point of getting an image and its pixels and creating a conway board of it.

• *Specifically considering your final project: Were you able to resolve your own bugs? What tricks did you learn in the process to help? Did you do any debugging?*

I resolved my own bugs by printing debug messages and googling Chrome errors.

• How do you think you'll move forward with programming? Will you keep doing it ? How does this relate to other classes you are either taking or wish to take?

Programming is the reason I took this class and what I plan on doing as a career.

What is your piece about? What's the concept? Is it interactive, responsive or time based? name of piece

You as Conway is an interactive piece where it captures an image of you and creates Conway's Game of Life out of the image.