CSCI 185: Project 2a Worksheet

Please fill out the following planning worksheet by answering the 5 questions asked below. Also feel free to do your own thing (don’t feel constrained by the sample projects)!

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| **1. Which option did you select?** I chose to learn to code the Snake game in JavaScript and HTML. I chose this because this was a game that I used to enjoy playing on my first Nokia cell phone when I was in high school. The Snake game was on almost all cell phones and something that was regularly played over 20 years ago. While basic, it was a very common arcade game. I plan to make it my own by adding some CSS flourishes. |
| **2. Will you be working alone or in a group?**  I will be working alone. |
| **3. What resources / tutorials will you be using to help you?**  Coding Challenge #3 by the Coding Train by Daniel Shiffman. <https://www.youtube.com/watch?v=AaGK-fj-BAM>.  I chose this tutorial because Daniel Shiffman makes fun and informative Javascript tutorials on YouTube. I saw that he had 1.68 Million subscribers and this tutorial had over 3.3 Million views. The comments indicated it was interesting to watch and was explained well. A lot of viewers indicated that it really helped them understand Javascript better. I like that he’s energetic and so excited about teaching this coding tutorial.  I will use the information in Digital Ocean and p5js as a resource.   1. <https://www>.digitalocean.com/community/tutorials/understanding-events-in-javascript 2. https://p5js.org |
| **4. What will you have made when you’re done?** Be specific (# of screens, description of basic functionality). You will break this down into steps below.  1) Creating a snake object  2) Adding keyboard control (moving the snake up/down, left/right.  3) Grid and world constraints (the snake won’t be able to go out of the grid and can loop around  4) Adding a food object  5) The snake will get longer when eating  6) The snake will die when it gets too big/touches itself (tail) |
| **5. If you are working in a group, how will you divide up the work?** Keep in mind that each student must spend between 4-6 hours on this project  I will be working alone. |