

I learned HTML and CSS at comp105 last year. It was a fascinating lesson because I had a little knowledge about HTML before. Because of the past experience, I thought that the website design is based on HTML and CSS so I felt that this year comp106 would be the same as 105, but the stuff will be more in-depth. However, I was wrong. The HTML5 and JavaScript I learned this year is something I have never touched before, for sure it is challenging.

JavaScript is an interesting language plus I just started learning Java at the same time. There are some similarities between the two languages, such as ";" in the end or the loops. It makes me feel more confident to design the lab and read the instruction. In the early days, I was too proud to think that I could learn JavaScript when I learned Java and the things I've learned in 105 which made me spend much unnecessary time writing lab. After a few labs, I start seeing the difference between Java and JS, such as when they were declaring a variable, in Java, you have to write the type such like string or int or double, but in JavaScript, you only have to write var. At the beginning of the class, the first two lab is based on HTML and CSS, and it makes me go over all the stuff I learned on the comp105 course last year. From my experience, I think I'm still having trouble on CSS, so in this year I've tried not to search other's work online, and it helps me remember more things that I never mentioned before.

Start from lab 3, and we start learning canvas, to create shapes on a web page is interesting, I spend not much time on drawing a human on canvas, and creating a poster on another lab. When I felt that everything was going well, we entered the "bouncing canvas," and I started to feel the difficulty. I probably didn't know how to organize my code, or I am missing some critical information on the class. My canvas can't be displayed, and my circle can't change color, my paddle can't move. Many problems have followed. I may not be good at the language, I didn't ask questions, but I have to continue to write my lab. So I started spending more time checking my lab and beginning to ask for help. One day, my friend asked me, "Do you know what the code represents? Why do you want to write this? Do you read it?" I suddenly don't know what to say, what I did before is downloaded the lab package directly from Sakai and followed the instructions in it. If I have the question, friends will tell me how to solve it, but I never try to read the entire code carefully, except the things that I have to write, I don't know anything else. I know I have a great interest in web design. Maybe I like art and design this kind of thing. So I hope to continue practicing and learning other stuff in the future.

This year's course is no more than ever. Whenever I thought it was just like this, we learned something new and took a unique situation. Every new challenge is a waste of my time and much time to write. Sometimes I will fall into an infinite loop, that is, I will not find any errors. This error may cost me an hour, two hours, or even three hours, but I have not given up. Sometimes I will ask for help.

Moreover, the people around me will be very enthusiastic to help me find a solution. I am very fortunate that whenever I have a problem, luckily people around me will not tell me the answer directly, but will teach me how to solve it step by step in my way, which has taught me a lot. Just like I wrote this last lab, it is my first time knew how to organize the code, how to add sound, how to bounce circles of different colors, and all other things that I have not written in my previous lab.