Final Product Progress Assessment

Date: March 18, 2020

Subject: Final Product

Assessment:

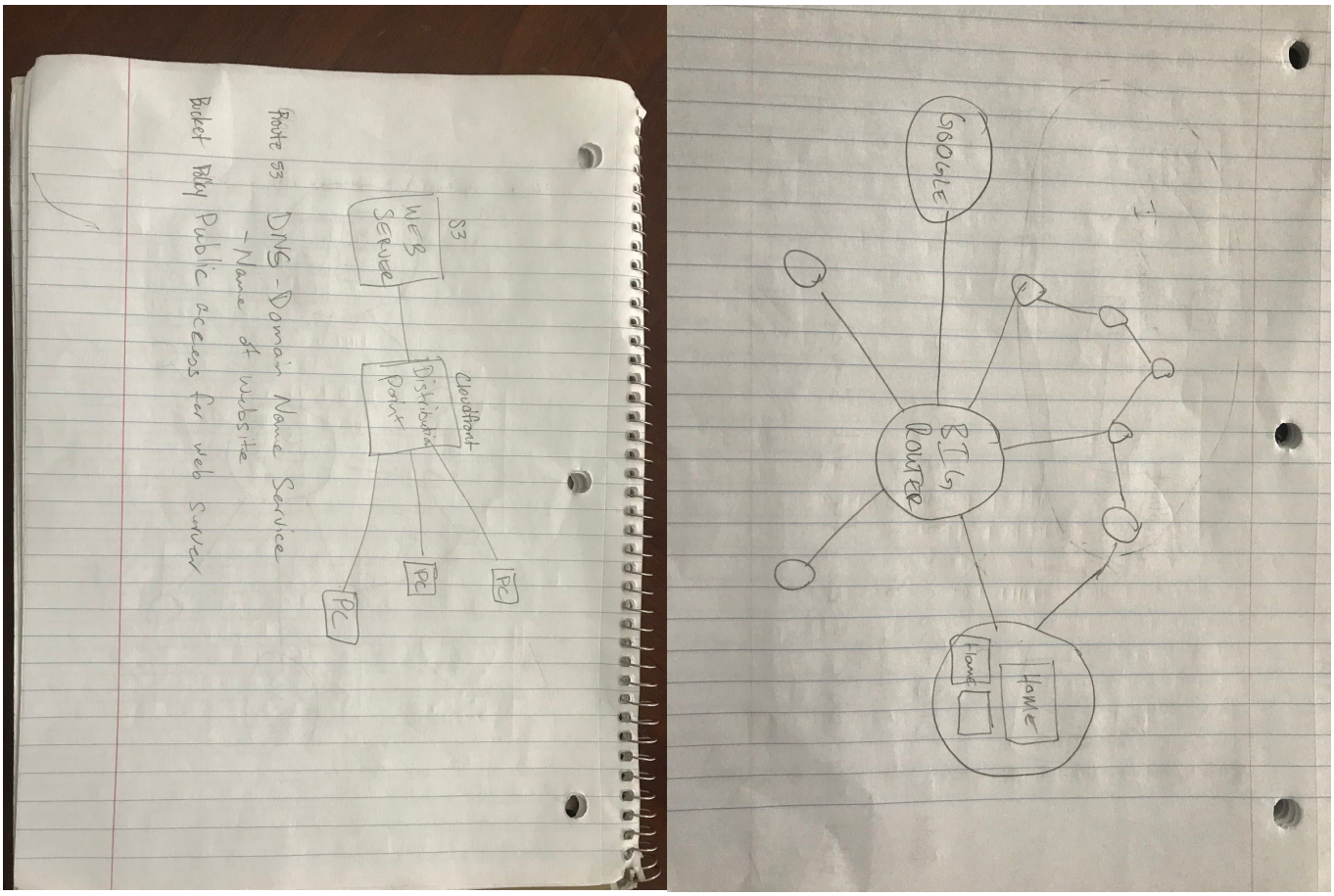
For my Final Product this year in ISM, I am developing a website using HTML, through Visual Studio Code, and Amazon Web Services, to host my website, which will contain various resources for people who are interested in Cloud Computing to research. One of my main goals for this project is to help society expand its knowledge in the evolving field of technology.

Prior to starting on my Final Product, I had to create a proper plan and calendar to get the right work done by Final Presentation Night, and so far I have been on the right track to finish my project. Due to the coronavirus issues going on currently, my mentor visits and calendar have changed a little bit, but it is not a significant change that should drastically affect my progress. I have been keeping track of the calendar, and I have also been in frequent contact with my mentor to keep him updated with my work and the situation of the class. Over spring break, I got a pretty good amount of work done, focusing primarily towards gaining more experience over HTML, and I was able to keep myself on top of the calendar and contact my mentor for help or questions.

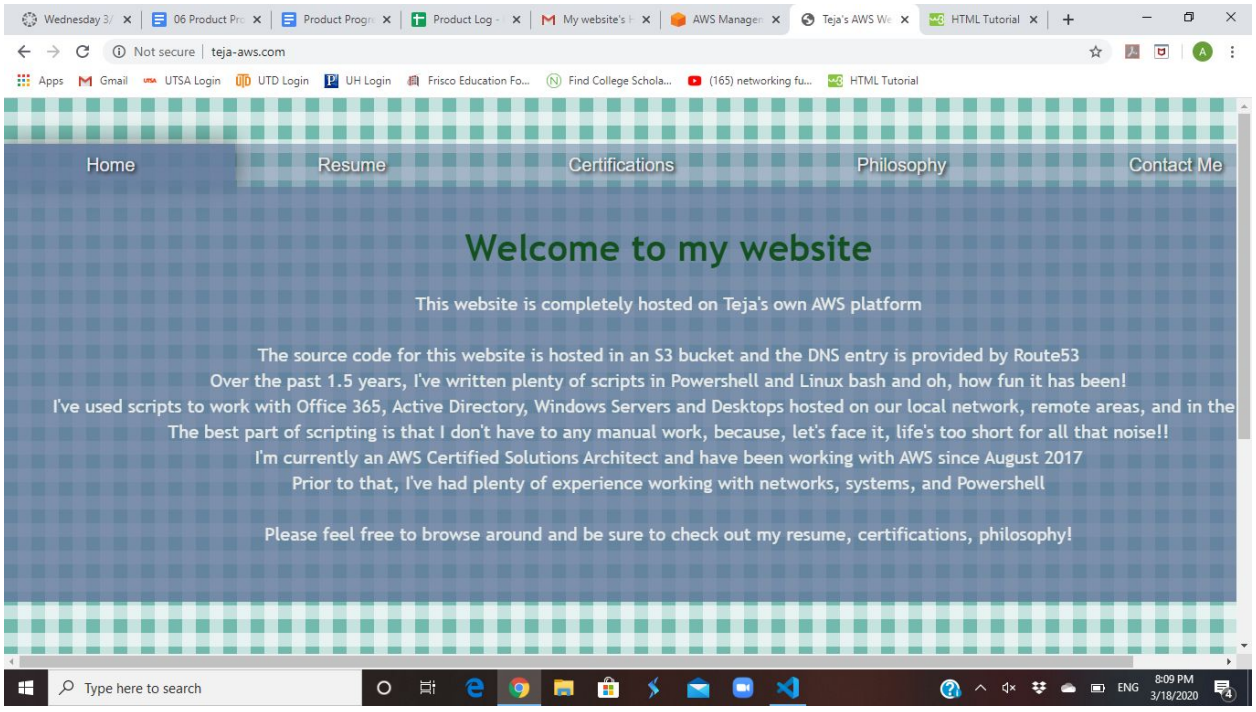
The main successes I have had so far is the time I have been dedicating towards my work and the amount of new lessons I am learning. Using a website called W3Schools to assist me, along with my mentor, I feel like I am learning so much more useful information compared to any other class that I have taken in high school. The main difficulty I am having is the feeling that I am not getting enough work done. I am keeping on top of my calendar, and I am learning new information about my topic, but at the same time I feel like I have a lot more that I should do. In better words, the work ethic to get it done is lacking for me right now, but at the same time I have nothing better to do, especially because of the coronavirus and quartining at home.

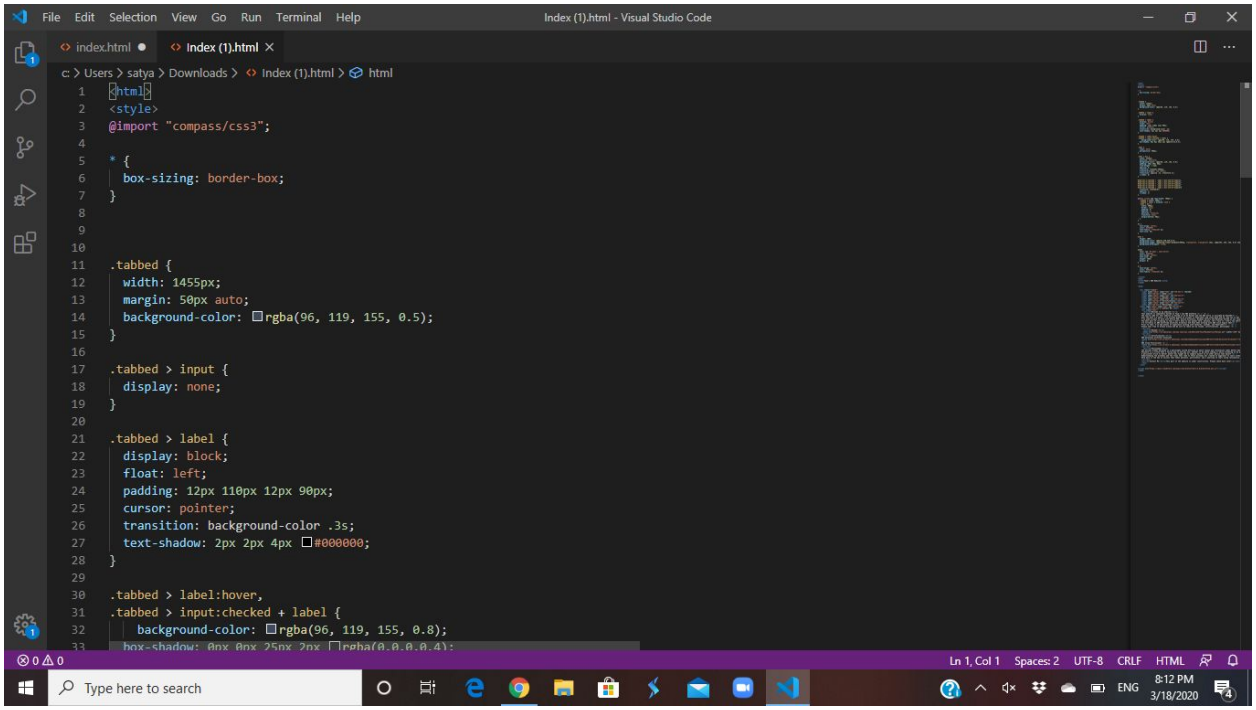
My only concern for my product is: will I have enough resources on my website? The designing of the website is going well, but I think I should find more resources to put on my website for visitors' use. Other than that, I am pleased with how the HTML code is coming, and I am confident that I will be able to put my work on AWS by the due date. The primary work I have left to complete is consulting with my mentor, and finally attaching my code to AWS so the website can be ultimately hosted on the internet.

Altogether, my Final Product has been coming together as I had hoped it would, and my mentor has helped me a lot through this process by showing me his own website, giving me resources to help me practice the HTML code, and editing my work that I have done so far. He has been really good with explaining certain topics during this process, and even before we started the Final Product my mentor was really great in explaining how a network is connected to the cloud. Through this entire process, I have learned so much more about the field of Computer Science in general, compared to any other classes that I have taken so far. Along with that I feel like this procedure has prepared me better for college and onwards.



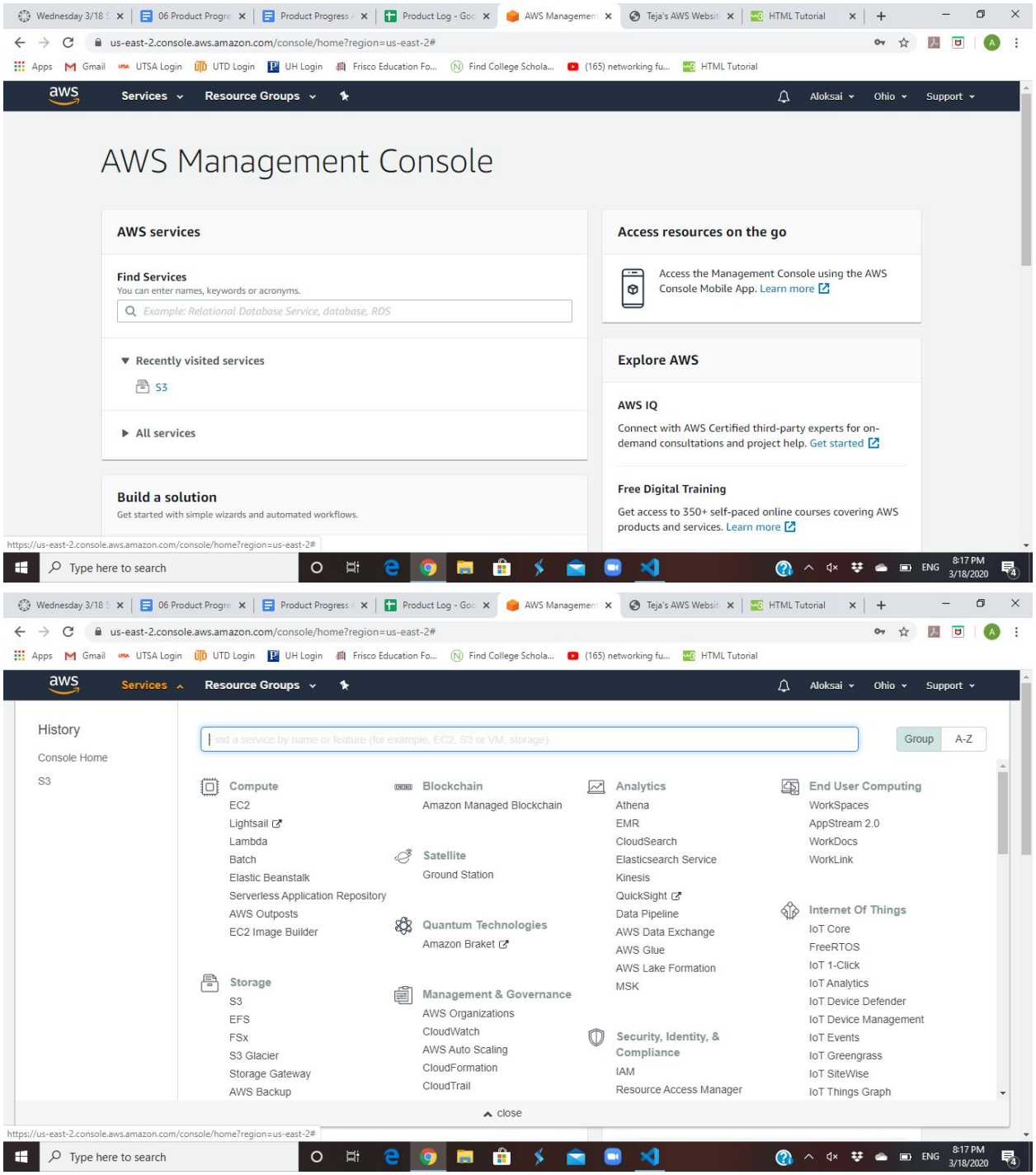
These are the first notes that my mentor drew out for me while he was explaining what a network is during one of mentor visits after the Final Product Proposal. The picture on the left shows various AWS products, which I will be using in my product, in relation to the network diagram, and my mentor explained to me how and when we will be incorporating those to host my static website for my Final Product.



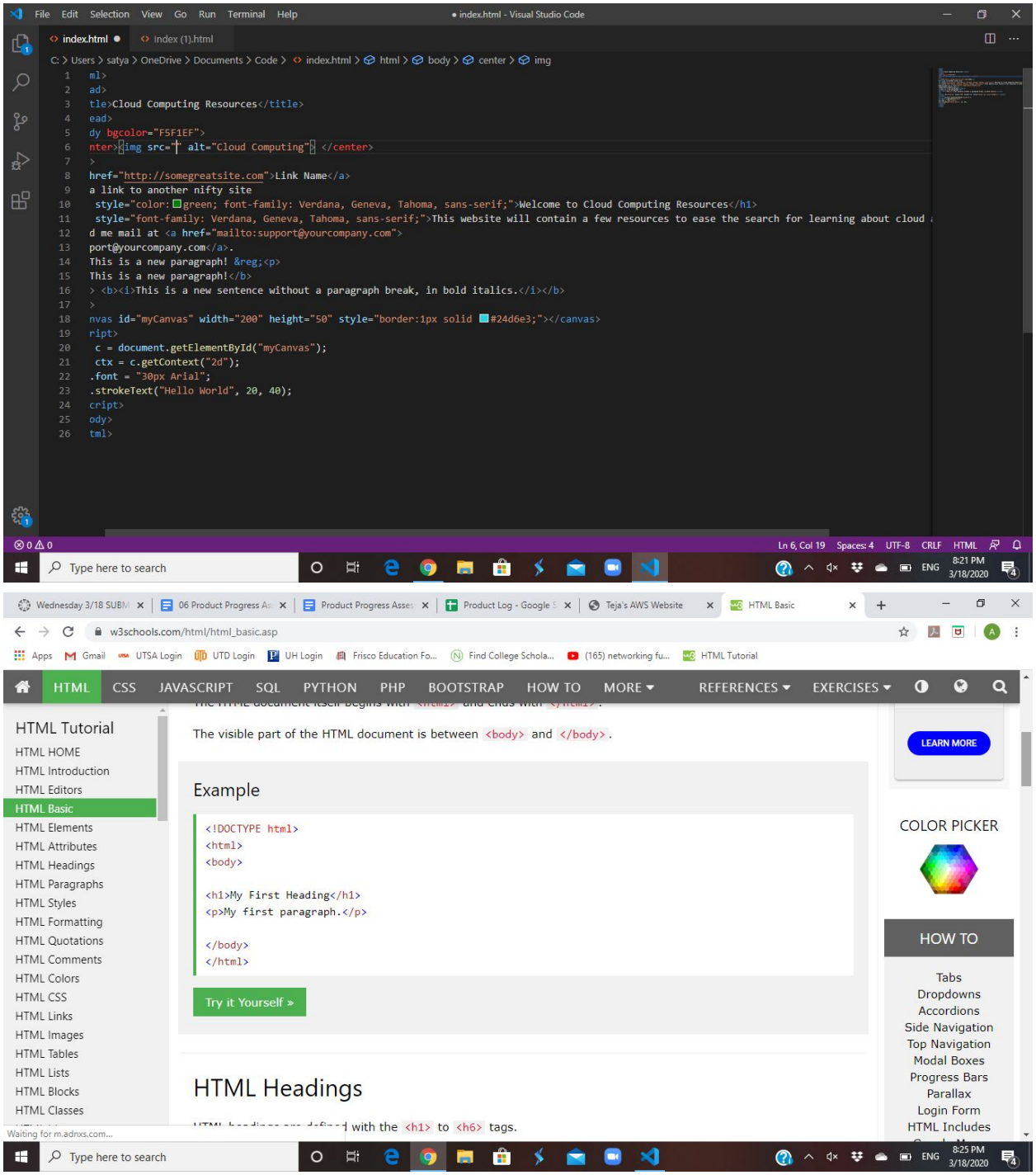


http://teja-aws.com/

These are screenshots of what I am using as guidance to create my website. The top image is how the website looks after the HTML code (bottom image) is plugged into the AWS website, which I attached an image of towards the bottom of this paper. Obviously there is a lot more code towards the bottom of the page as it can be seen on the right-hand side of the bottom image, but this is a general overview of what I am using to create my website, and how Visual Studio Code looks like. Attached is also a link to my mentor's website.



This is the website that I am using to attach my HTML code to essentially publish and host my website. I am not at this stage just yet, but my mentor and I spent a visit going over these services, so I am familiar with them when I need to use them. Also, at the top right-hand corner my name is seen as my mentor and I created an account for myself to host my website, rather than doing it another way.



This is an image of my HTML code that I am still working on. This is my entire Final Product basically. I am still working on the code, but once it is finished, my Final Product is basically finished because afterwards I just have to get everything into AWS and eventually create a website name and get the proper tools together to support my website. But altogether, the code above is my main work, and it is still a work in progress. Along with my code, the bottom image is the website, W3Schools, which I am learning most of the code from. From this website I am learning how to add images, add color, add new paragraphs, etc.

Calendar

5th week - Continue working on website along with mentor's help

- Email mentor about any questions or concerns regarding website
- Continue looking at W3Schools and keep going on Visual Studio Code

10th week - Finalize the website and remove/add any extra features

12th week - Begin writing research paper talking about everything that I did over the course of the year and specifically focus on what I did for my final product

16th week - Final adjustments to research paper

17th week - Begin working on presentation for final presentation night

20th week - Get ready for final presentation and present on May 18th

My calendar pretty much looks the same as before. According to my calendar, I am on week 6 for my Final Product, and I am still working on the code for my website. Altogether, I am still following along with my calendar and if everything goes properly I should be able to get my Final Product done on time, with time for revisions and editions.