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COP 3813 – Project 1 Report

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I found the explanations and examples in the textbook very helpful in creating my webpage. The book showed many different elements of HTML and CSS as well as their applications which allowed me to see how they function in real code. It's very important to be exposed to more than just the definitions of elements of a website. The textbook made this project much easier than I would have found it if I had not seen and interacted with all the different types of tags before I needed to use them in my own project. I previously attempted to create a website for another class project, but I found it much more difficult trying to figure out which elements I should focus on while the text for this course lays out the information in an easy-to-digest manner.

I created a Project in Brackets to write and test my code using the Live Preview feature. This feature opened up in my Chrome and Firefox browsers where I could actually see the live HTML and CSS changes once I saved the files and reloaded the page. I was also able to view the mobile version using the Chrome inspect element device toolbar. The Chrome and Firefox pages looked essentially the same, but the mobile webpage did shrink the table considerably in relation to the size of the rest of the text. I don't believe that it would pose too much of an issue since mobile devices are meant to be held closer to the user's eyes, but it is something to be noted. The mobile's right margin also seems to be slightly larger than that of the desktop version.

I was able to validate my HTML5 code compliance online. There is a website that is a W3C Markup Validation Service (https://validator.w3.org/#validate_by_input). On this website, I was able to verify that my code was compliant with the most recent standards. I was able to view when there were errors within the code with Brackets since any would be marked in red, but when I entered my code into this website, it would return with explanations of why those lines were incorrect as well as link to another page which would display additional resources to resolve the issue.

I do believe that I need more information in order to make the webpage appear complex and more visually appealing. I am not familiar with many of the functions of CSS and so I need to learn and experiment with them to further understand the design constraints. With a deeper

knowledge, I could make the website more interesting and customizable to my preferences where currently it is minimally changed in the stylistic sense. I do anticipate using more CSS elements in future projects once I have gained more experience working with them. I am also considering experimenting with Adobe XD as I have been told that it allows the user to create a layout and display that can be easily translated into CSS.

Overall, I am happy with the website that I have created. It is reassuring to see the work that you have done perform as expected. I am hoping to incorporate more stylistic and functional elements in future projects. This project, however, was a very good introduction to working with HTML and CSS and allowed me to develop a foundation to build upon.