

COP 3813 Project 1-Home Page Report

To begin my project, I chose brackets as my editor because it is very intuitive and offers many useful features for an efficient workflow. I mainly chose it because of the ability to split my screen between the CSS and HTML I am working on. This is a huge advantage for me because I have a very wide screen and my workflow usually relies on splitting the tabs I am working on to make them more accessible. The browser I chose to work with is Chrome. This is because I am very familiar with the browser and it is the most popular browser currently available. Additionally, brackets use Chrome as the default browser when it is testing the source code. I also tested it on Microsoft Edge by opening the preferences file called `brackets.json` and adding the line `"livedev.multibrowser": true,`. After testing it on both Chrome and Microsoft Edge I found that the page displayed in the exact same way. Testing an html document on multiple browsers is important to ensure consistency, and my page seemed to be consistent between the two browsers I tested. I also used an html validator to make sure that my code was error free. I used <https://validator.w3.org/> to validate my code. After validation, the validator found that although my code worked, I had an error that could potentially create issues outside of brackets. The issue was that I included the statement `“class=“scuba”` in both the opening and closing tag of a section. After fixing this issue, the validator validated my code and returned that it was error free. I also checked my code against the html conventions and best practices found in Zybooks and https://www.w3schools.com/html/html5_syntax.asp. After checking my code against these sources, I found that I followed all of them except that I used the tab key for indentation rather than two spaces. I kept this instead of following the conventions because brackets automatically used the tab key to indent, so I went with the conventions that brackets was imposing.

Overall, the project was straight forwards. I found the HTML and CSS to be simple to write, but I often needed to reference Zybooks in order to recall the specific syntax of certain things. For instance, I forgot that `href=` was the syntax for a link in an `<a>` tag. Another aspect of HTML that caused me some problems in this assignment was the way comments are written. I am relatively experienced in c and c++ so it is natural for me to write comments using `//` syntax. When I started the assignment, I wrote a few comments this way and I did not realize that it was incorrect until I first tested my code. I saw my comments appear as text on the webpage, so I went back to Zybooks for reference on how to write comments in HTML. I then realized that comments are supposed to be written using `<!-- -->` syntax, however, after changing all the comments to use that syntax, I found the comments less helpful because the new syntax is strange to me and made it less obvious that it was a comment. I ended up getting rid of all my comments, but it is one of the nuances of HTML that I will need to learn to live with.

Finally, the part of the assignment that took the longest for me was the CSS. The “old web” style HTML look of the page I was creating bothered me greatly and I kept trying to make it look more modern. My knowledge of CSS is still very basic and so it was challenging for me to do this and I ended up reading more about it via Zybooks. After many attempts and revisions to

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make it look more modern, I accepted that without more knowledge of CSS and without using bootstrap and other libraries, the “old web” style would persist. Additionally, I found it very difficult to come up with content to write for my online resume. I do not have a resume and I have never had to write one, so it was a challenge for me to come up with one. I ended up blending a resume with a biography to create the page because I ran out of resume-type things to write.