**Sepideh Homami**

**(818)430-4294**

[**homami.sepideh@gmail.com**](mailto:homami.sepideh@gmail.com)

Thank you for giving me this opportunity. I really enjoyed working on this coding assignment. Since there was no right or wrong for this assignment and it was open ended, there could be different approaches. It was very interesting to look at it in different ways but based on my knowledge and the given time, it was very important to find an efficient way to complete the assignment. I started everything on a paper to sketch and to think about the layouts before I start coding.

To open the assignment please run it on a local host simply using “python -m SimpleHTTPServer” on terminal. I added comments to the code to simplify the read. I just would like to mention that the colors in JSON were not matching the actual color of the product in the image and in the title. Thus, I added the color given in JSON below the image to show and clarify the sorting. Also, it is visible on the console.

Moreover, I added a feature to be able to show more and less products. I am showing 10 items at first and I left a button to add and subtract. Since, I had a very short amount of time for the filter feature with the correct JSON file, it works perfectly fine on the first 10 items (before adding +10 items), but I did not get a chance to add the filter for the added items. I wanted to say that I am aware of that bug and I would definitely fix it if I had more time.

Again thank you so much for the opportunity. I enjoyed every minute of my work. I hope we get to work together on many more wonderful and exciting assignments.

Please feel free to ask me if there are any questions.