**Challenges and Bugs & Overcoming Them**

**Challenges**

I encountered many, many challenges and bugs (and a few mental breakdowns) as this was my first time learning Javascript. I tried methods such as js.fiddle, but it is all still a bit of a mystery to me as I worked on this assignment. Since we learned Python over the summer, I thought the logic would apply to Javascript. However, the logic I learned in Python seemed to hinder more than help. One example of a challenge I encountered was that I could not get my prices to show up as decimals. Even though I tried methods like ParseInt and ParseFloat, they just did not work. I also tried assigning a variable to elements, but that also did not work. I could not get an element and then assign a variable to it. The console would show a value for an element, but if you decided to assign a variable to that element value or innerHTML, it would come up as undefined. I realized that I had to assign them in a function rather than randomly. Another constant challenge I faced was that I would break something when trying to fix something else. I spent a *lot* more time fixing my HTML/CSS than I thought I would. I think I would make less css elements next time, and include more sub-elements.

**Overcoming Challenges**

I overcame these challenges by reaching out to peers who were better experienced in Javascript than I was. They were able to point out what I did wrong and explain the logic why. At some points, I had to completely delete and rewrite code. I had hard-coded the cart items, and realized I had to make them more dynamic. I realized I had to utilize local storage and create many functions. My peers in SSUI were extremely helpful, and I would not have been able to complete the assignment without their generosity. All in all this was a very frustrating experience compared to doing the HTML/CSS version of this site, but it has made me appreciate both HTML/CSS and Python more. I also realized it’s better to separate certain parts of code in different JavaScript files rather than try to cram everything into one file.

**Critique**

In response to feedback: I decided to keep the minimal, monochrome background because it was the original intent of the design, since one critic said there should be more color and the other said it was fine as is. However, I did change the search from a link to a button, and changed clearance from pink to blue so it would not be too similar to the sale price. I also switched the sale price to red, rather than the original price, as it did make more sense to call out the sale price as red versus the original price.