REFLECTION

I encountered challenges when I am trying to store values in arrays in local storage. Because local storage can only store strings, I was not able to build my array for select items in the shopping cart. To solve this problem, I used *JSON.stringify* to make my array a string and then when I am reading my list in for the shopping cart, I use *JSON.parse* to accurately extract my array as a list and iterate through the list.

I also encountered challenges when I am trying to add a remove button for each item in the cart. I had no idea how to do it in the first place and tried to use Google to help myself but still failed. As a result, I scheduled a meeting with Megan and asked her to help me take a look. We used "inspect" on the browser and stepped through each line of code using the breakpoint. Our solution in the end was to trace back parent node for each button and remove the designated item.

PROGRAMMING CONCEPTS

1. Constructor
    a. Used constructors to construct each product
2. Loops
    a. Loop through a shopping cart list
3. Object oriented programming
    a. Used encapsulation and this.
4. Objects
    a. Used string class and its methods under it (substring) and JSON.parse
5. Tree
    a. Access the parent node of a button to determine which item should be removed