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Reflection:

Some challenges that I encountered included not being able to know where to put my code, especially when I started to implement in Javascript. I noticed that some things have to refer back to my HTML file, instead of putting everything I want in the Javascript file. For example, when I am putting an onsubmit element, or onclick element, it cannot go into the Javascript file because that is where you put the actual function of the declared variable. I also had bugs when I did not classify my variables with an id, which made it harder for me to recall some of the elements that I wanted to use with my Javascript. This made me go back to my code and had to declare some ids for the variables. Although I had to take extra steps in order to figure out how to implement Javascript, it made my website to be more interactive. I am still trying to figure out how to implement some of the backend side of the website and collect the data to show in the frontend as well in the future. So, I hope to be able to accomplish this soon and be able to use the site in a more effective way.

Programming Concepts:

Some programming concepts I learned through this assignment is that I used were identity operators, object comparisons, destructuring, array methods and promises. An example of an identity operator that I used in my Javascript is when I was removing an item from the cart, I used a for loop and called the elements by name. Similarly, this made me use array methods in which I used an array of elements where the function returns true; I also used push to add an item to the end of an array. Additionally, promises were used to declare if statements which also applied during adding a product to the cart, or removing a product from the cart. Moreover, object comparisons were commonly used to define the name of the product, the price, as well as the quantity of the product. Destructuring helped me to extract parameters passed to a function, so I used it to extract properties from objects, especially when looking at certain items or products in detail.