

## Assignment Reflection 6

In this assignment, I gained a much better understanding of how JavaScript can add functionality or interactivity to static HTML by resolving some challenges.

One example I initially faced was to switch to JQuery instead of pure Javascript. I read many chapters from w3 school on JQuery as I was trying to program the storing item, and displaying item information in shopping cart page.

Another example was that I had trouble adding the total of prices for all items in the shopping cart. This problem involves converting types of objects from string to integer or float number, as well as properly substring the original strings. I was first only adding a bunch of strings together, resulting in a long string of digits with dollar signs. I later realized the problem and searched online to figure out how to convert object types (using parseInt function). I print to console several times to make sure I am converting to the right type of objects and fixing 2 decimal places for prices.

In the future, I would like to continue reading online documentation and tutorials for more efficient way to program Javascript, as throughout the process I realize there are many ways to program the same functionality. And some ways are of much better programming style and more intuitive.

Note: Prior to programming the new cart page, I updated the Product detail page prototypes based on some more user feedback and homework grading comments. Please see the change and rationale in the LOFI HIFI prototype folder.