

Programming Usable Interfaces  
Assignment 6B  
Maggie Chen

Link to website: <https://maggie-cc.github.io/PUI/Assignment6>

Link to code: <https://github.com/maggie-cc/maggie-cc.github.io/tree/main/PUI/Assignment6>

## **Reflection**

Some of the concepts I learned in this assignment are how to use grid, flexbox, for loop, and write innerHTML in JavaScript as well as how to use local Storage to store and display items.

To be more specific, I think one of the biggest challenges was to figure out how to use local Storage to display customer orders on the shopping cart page. A lot of the code I googled online used jQuery instead of vanilla JavaScript, and I didn't think I'd be able to learn in a short amount of time. I then reviewed what we learned in lab7 and lab8 as well as asked my friend who studies CS for help. They told me that I can try to write innerHTML in JavaScript. The code I eventually wrote is really messy, but it solved the problem. Another big challenge for me was to figure out how to display the correct estimated total price after removing items. I spent almost 2 hours debugging and eventually realized that I was following the wrong logic. Instead of deducting removed item price, I should follow the logic when writing the for loop of deleting items, which is adding the items that did not get removed and their price back.