

Assignment 6B Reflection

One of my biggest challenges for this assignment was understanding how local storage works and how it should be implemented into the shopping cart. I also thought it was very challenging to write code that allows the cart to update based on what the user has added to the cart. One bug I kept running into while doing this was that after someone clicks “add to cart,” it would automatically refresh the page back to the default (which was 1 roll, no glaze, original cinnamon rolls). It ended up getting fixed after I added a lot of console.log to my code in order to figure out where I was going wrong and realized that I just had a lot of typos.

5 programming concepts I learned:

1) I learned how to add things like dictionaries into an array. For example, I created a dictionary that stored all my orders, and learned to use .push in order to add my selected orders into an array that will then serve as my local storage.

2) I learned how to use JSON.parse(localStorage....) in my code and what that does. It turns my text formats into Javascript objects which can then be used in my program. I also learned to use localStorage.setItem, getItem, and removeItem all within this assignment, when before I only learned of the concepts during recitation but didn't know how it can be applied.

3) I learned the syntax of for loops and how it differs a little from python. I learned how to set the three constraints such as what 'i' should be, when the loop should terminate, and how the i in the for loop is incremented, I used it in to help me build the structure of the cart page.

4) I learned that using console.log is actually very helpful as a programmer when I have issues in my code that I can't figure out. It helps a lot with the debugging process. For example, I had <hr> tags that were not working how I wanted it to so I made a lot of print statements in the inspect tool, which was helpful because I got to see the margins and paddings that are there in each submission.

5) I learned how to incorporate .innerHTML to manipulate and use the text between opening/closing tags. For example, if the original price of one roll is \$3.50 and I wanted to use that for calculating how much 6, 9 or 12 rolls would cost, I could use .innerHTML to manipulate the “\$3.50” text to calculate costs.