

# Assignment 6B Deliverable

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Git repo: <https://github.com/kaitykim01/assignment6A>

Hosting Link: <https://kaitykim01.github.io/assignment6A/>

A main challenge that I encountered was having my shopping cart of appointments save across different pages. I was able to add and remove appointments from the cart using localStorage and mutable lists to correctly display the current shopping cart onto the website. However, every time the confirm.html page loaded, the cartList would clear itself. I overcame this challenge by first using console.log after different actions to see if each function was doing what I expected them to do. I realized after interacting with the browser that the cartList was emptying itself on the next page, but the stored date and time values were still stored. This was because I stored the appointment date and time values in localStorage, added them to a cartList, but then did not store the cartList to localStorage.

As part of this assignment, I learned to write a JS function that creates its own objects and can use inner HTML to write the HTML code. This was useful for having to make dynamic objects that might vary in number depending on the situation. I also learned the importance of using console.log as the first approach to debugging. This helps us better understand what each part of the code does before making any drastic and harmful changes. I learned that var and const are the same thing but const requires you to initialize the constant while var does not. Furthermore, I discovered that you can write functions within functions by not giving the function a name. As an example:

```
btn.onclick = function () {  
    // whatever you want the function to do on click here //  
}
```

Lastly, in adding appointments to the cart, I learned that you can easily check your localStorage values and keys by inspecting your web browser, and clicking application. This was super useful for me to understand what values are exactly being stored in response to what actions.