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PUI

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https://github.com/eli-king/eking_pui_assignment6/tree/master

https://eli-king.github.io/eking_pui_assignment6/

I ran into a few challenges while creating this site. At first, I struggled with retrieving individual elements from a stringified array when passing an array to another page. To overcome this, I implemented a function that split the 1D array at every comma, the character that separated each element. From there, I added each element to a 2D list with a predetermined length of 8 elements. The newly created 2D list then matched the original. Next, I found it challenging to make dynamic DOM elements with javascript. I initially relied too much on changing an object's inner HTML, and this made it impossible to update the Cart page once a product had been added to it. I overcame this challenge by creating new elements in a for loop determined by the number of products in the cart.

This site would not have been possible without DOM modification. Each product detail page displays different information corresponding to the selected product, but the HTML page is the same. Instead of hard coding the product's information and pictures, those details are filled in from a js array. I used a similar concept to create the dynamic cart page where both a for and while loop was necessary to create new DOM elements. Lastly, I utilized if/then statements to manage unselected product states and event handling to trigger price changes and remove items from the cart.