Reflection

Assignment 6 builds on what we have learnt so far in class. It requires us to add functionality to our previously built site. The difficulties I faced are as follows.

First, I had difficulty implementing a drop-down menu java script and as such decided to simplify to a selection menu in html. I created two selection menus which allowed, on each product page, the user to choose between 1-4 pillows, and the type of pillow fill.

Next, I had difficulty changing the color of the image when the user clicked on one of the four color options. To get the functionality to work, I ended up implementing an onclick, where onclick of any color, a function was implemented that changed the image of the pillow to suit the color that was chosen.

Then, I had difficulty storing the options that were selected in local storage. To solve this, I worked with friends and the TA to implement an "addtocart" function. In basic terms, every time add to cart was clicked on any product page, the information added to an array called cart. To be honest, all of this was very difficult to figure out with the little information we were given in class and lab.

Finally, I needed to figure out how to obtain each of the array elements and render a visual cart. This portion took me the longest. I solved the issue by created a table using <td> and <tr>, and this table inputted the information for each new object that was added to the cart into a new row. I ran into issues with syntax for inputting images inside the td tags. I also ran into issues with being able to delete items from the cart and solved this by writing code to remove the row the item is contained in on click of a delete button.

Other small issues I ran into were double inputting the same kind of item when the same product options were chosen and being unable to input my images for each product in the cart. The first issue I fixed by writing code in the addtocart function that checked for duplicated and if there were any incremented quantity of the first duplicate instead of adding it twice. The second issue I fixed by simply correcting the reference to the name of the image in the library I created.

Overall, I learned a lot from this assignment although I found it incredibly challenging.