Reflection

Yaxuan Li

When I first wanted to implement the show cart number function, I combined the view and update functions together in one function. However, this is defined as a violation to Model-View-Controller model. Instead, I should implement them separately so that when problem occurs, we know specifically whether it is caused by failure to update the number or display the count. Additionally, the shopping cart function allowed infinitely many "add to cart" onclick. Originally, I intended to create several existing <div>s in HTML file and just changed the cart number. The hard coded <div>s made the pictures scattered around the page, which was hard to navigate and read. To make the webpage more responsive to user's input, I utilized the innerHTML to input a new block of information. In this way, the display of product was in the order of users' input but not hard coded in the system.

5 programming concepts
1. I used localStorage to store the product information in the shopping cart.
2. I used innerHTML to input a new block of product information into the cart.html page.
3. I used JSON.stringify and JSON.parse to store the cart item, which is a JavaScript Object.
4. I used onClick event to update the picture in detailed page to after the user click on a different size or glazing.
5. I used an array to store the information for 16 different types of products, which is easier for me to retrieve the specific attributes.