Project 4, Report: COP3813/002

SET UP: BOOTSTRAP, CHROME, NOTE++, JQUERY LIBRARIES.

For this project I started with a bare bone template from bootstrap. As recommended on the videos I built up my list from the ground up using several sources of information such as video tutorials, websites, the book, code academy and Udemy. I also added the latest version of jQuery libraries to my page.

FUNCTIONALITY: ADD, SCRATCH OFF, REMOVE, COUNT, AND EDIT ITEM WITH PERSISTENCE.

The list starts off with three static entries that can be edited, updated and scratched off. The user may also add a new dynamic element to the list and performs the same operations on it. Classes are added to a list element when the user performs an operation in order to confirm that such changes are in effect. The counter shows the number of items on the list and gets updated automatically when one is added or removed. There is two parts on the list, a static part and a dynamic part. The dynamic items which are added by the user can be saved locally. There is also an option too delete all local content and start fresh.

Challenges: Learning jQuery from zero, linking the dynamic list with classes.

This has been the hardest project so far, I spent countless hours trying to make it work. I figured that every new element of the list had to have a particular id for reference but then I would also need a specific class for when the user wants to make changes on just one item. The method I used is probably not the easiest out there, however I am incapable of teaching myself the ins and outs of jQuery in only one week so this will do for now.

TIME CONSUMPTION

The main set up for the list took me half a day. I have become proficient at setting things up with bootstrap and creating all the necessary folders with the right paths which provide a good baseline to start from. Creating the list and input elements couldn't have been smoother. However matching ids to classes was very difficult and literally took me all available time to be able to have it as it is.

TESTING BROWSERS: CHROME, FIREFOX, EDGE

The page works on all browsers. The site is also responsive and fully operational on smaller devices.

Lessons Learned:

- Fulfill the requirements first, don't try to do something flashy when it doesn't even matter and there is no incentive for it. Bare minimum gives you full points just the same as doing the best website ever.