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CS202-Spring 2016

Project #6

I really enjoyed my time with Project #6, as I felt like the extra time really allowed me to understand the nuances and learn from my mistakes. That said, I wasn't able to finish it 100% of the way, but I am grateful for the duration I had to work on it. This assignment tasked us with having to rebuild a earlier project, using classes and constructors/destructors. Remaking the project wasn't as difficult as it was to get my head around how constructors/destructors work and how they automate a lot of the mundane tasks we did in our earlier programming projects.

This time around, I didn't have an issue with how I utilized my time. I felt like I did a better job at asking for help and giving myself the appropriate amount necessary to finish the assignment. Where I ran into some trouble is with how I decided to tackle a problem and was unable to fully comprehend what it is that I needed to do. More specifically, how I utilize the given constructors and what their function is in my project. At first I tried to make pointers and copy information that way, instead of using the copy constructor I had built. Not to mention, I don't believe that I even used my parameterized constructor in my program. Going forward, I want to try and understand everything a little better than I did this time.

As I have before, I ran into a single problem with one part of my program, this time being the "sortByMake", because we had to use two different sorting algorithms in our functions. I have been keen to using the bubble sort and found it kind of difficult to implement a selection sort. Let alone, access harder to compare information than an integer, like I did in my

“sortByPrice.” I then attempted to duplicate my work using bubble sort but to no avail. So, I ended up just using what form of selection sort I built and tried to use a custom built string compare, but nothing changes when it is used. Going forward, I want to use the string library and will hopefully not have the same issues I had this time around.

All in all, I feel more comfortable with the product of my work after being given a second week to work on it. I don't expect to have this luxury every time we are tasked with a new project but I do cherish the time I was given. I will try to make better use of my ability, rather than sitting on the assignment and rushing through it, 48 hours before it is due. Thank you for this project, as I have learned a lot from it about myself and how I should program.