Preston Stosur-Bassett

CS210 (Data Structures) - Howser

Car Wash Application

24.10.14

Pre-Lab:

In this lab I expect to be creating all the classes or using classes that I have previously written, for example, LLQueue class, which implemented a Queue using a LinkedList. I think this lab will be teaching me how to create a larger program with more working parts that must fit together in order to work properly. A problem that I am expecting to encounter is the time management aspect of this lab. The lab asks me to have the Car Wash open from 9AM to 7PM and I don’t really know how to go about making sure that the simulation adheres to these hours.

Post-Lab:

Once I figured out what they lab was asking me to do, and planned out a way to do it, the lab was straight forward and simple and went very smoothly. I learned how to integrate a queue into an actual application that might have some purpose and how to put together a lot of the concepts we have gone over in the course into a single application. The hardest part was adding the extension to the application after the first part had been written. I had to change my code and retest it, it took forever to debug because the values I was getting for wait times didn’t seem like they could be accurate or correct, and that I had to have done something wrong. However, after several hours of testing, I determined that these values were in fact accurate, and that there was nothing wrong with my code.