**CS 162P Self Evaluation for Lab 8 – Car List**

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| Your name:Sandi Jasmer | Date: 8/20/20 |
| Are you willing to allow your code to be used in example debugging demonstrations or documentation?  x Yes  No | |

**Instructions – Part 1 (draft)**  
This document is to be turned in alongside your first draft of this lab. You will use this document to indicate your current progress through the lab, as well as areas where you are struggling conceptually or in converting concept to code. Please use the space underneath each evaluation criteria to describe any errors you are receiving or challenges you are having implementing the required functionality for your code.

**Functionality**

|  |  |  |
| --- | --- | --- |
| **Criteria** | **Draft** | **Production** |
|  | |  |
| ***General*** | | |
| Does the program compile and run |  | Yes |
| Does the program generate the expected output |  | Yes |
| Are there separate classes for Car and CarList? |  | Yes |
| Do your both of your classes compile and run with the provided driver program? |  | Yes |
|  | | |
| ***Car Class*** | | |
| Do you have the required initializer and getters and setters |  | Yes |
|  | | |
| Do you have an overloaded equality operator and does it work |  | Yes |
|  | | |
| Does your Car class compile and run with the provided driver program |  | Yes |
|  | | |
| ***List Class*** | | |
| Does your initializer set up the head properly |  | Yes |
|  | | |
| Do you have the required addHead, findCar, and removeHead methods and do they work |  | Yes |
|  | | |
| Does your List class compile and run with the provided driver program |  | Yes |
|  | | |

**Instructions – Part 2 (final)**  
Update the preceding table to reflect the current state of your lab assignment. If you reported errors in your initial draft that you have since fixed, please replace the information describing your errors with a brief summary of how you solved those errors. Please also indicate any areas that you feel you are still struggling in.

Please answer the following questions, in your own words, regarding your experiences throughout this lab.

**Experiential Review**

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| --- |
| **What aspects of this lab did you find most challenging?** |
| CarList class was the hardest. It didn’t really click that I actually need to make a link class that is the actual link between Cars and a list of cars. I re-read the document you gave for single linked lists and used that as my outline. I understood once I put a link class in why I have to |
| **What concept from this lab do you feel you have the best grasp on now?** |
| I like object oriented programing however doing it in python is a little bit of a slow down. I am understanding why I am writing something instead of just following the lab instructions and not understanding why I have a certain overridden method for str and equality. |
| **Please summarize the basic concepts involved in creating and manipulating Linked Lists:** |
| Linked List is a set of linked joined using references between them. Head -> link ->link ->…->None explains how we access the list from the head to end aka None.  We can manipulate the list by adding and removing values, however we use our link class to get value, move to the next node. |