Yifeng Qin

CS202 -1104

Dr. Papachristos

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Project 2 Documentation

The purpose of this project was to sort cars into an struct. We would ask the user for an input file and we would use the data on that file. We would take the values in the file and store them into a stuct and a separate output file that the user indicates. We would then sort the cars from the lowest price to the highest price. Ask the user how long they would want to rent a car and present them with options and estimated costs. Then they would choose a car and we would indicate if it was successful along with the total price.

The overall design was to use functions and a switch statement for the menu options. When the user enters the corresponding menu item, the program would run the corresponding code with it. It would then return and ask the user for another menu option. So the program would keep running until the user entered the corresponding number to exit the program.

The problems that I faced in the beginning were how to store the values into the strcut. Then I realized that you could store the struct into an array. The only other problem that I had was using the functions and sorting the prices lowest to highest. I realized you need two for loops to get the right values and switch them.

The things that I would change would be how to sort the values into different price orders. I think that there should be an easier way, and that you don’t need to complicate things and add functions to copy the string to compare them. I was also considering if there was an easier way to end the program or give an error message if the user enters a invalid value.