3/4/22

Dyches, Cade

Report 3

There were struggles writing this program. Some I was not able to finish, this program required us to make a command line interface that took in any user input and respond to it in a infinite loop until the user input was to quit. To run the infinite loop I had tried several different methods. First using a switch statement within a while loop. This did not work as I discovered C++ does not allow strings to be used in switch statements. I then tried several different versions of a while loop which none had worked. I then switched to a do while loop which was also having the same problems as the while loop. Both were not checking for user input and instead just running through the whole program before the user had a chance to exit the program. I changed this by making the loop check for user input before the while loop was run. Being new to C++ this took a couple of days to achieve and if I had more time the project could have been more completed. This program definitely made me think outside the box from the normal day to day homeworks. Using the experience from this I will use it to further develop my project and make it up to standards. The key to solving this is comparing the users input to the details of the file. In this kind of problem I do believe the best solution is to use while loops as they can run until the condition is met to have it exit out of the loop. Switch statements could be helpful in another language such as Java or Python.