**WEEK 3 Assignment 3-2 Pseudocode and Code Reflection**

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START

DISPLAY MENU with 7 options

OPTION 1. Enter a Bid

OPTION 2. Load Bids

OPTION 3. Display All Bids

OPTION 4. Find Bid

OPTION 5. Remove Bids

OPTION 6. Prepend a Bid

OPTION 9. Exit

PROMPT user to INPUT MENU selection

IF user enters 1

PROMPT user to INPUT bid id

THEN PROMPT user to INPUT title

THEN PROMPT user to INPUT fund

THEN PROMPT user to INPUT amount

APPEND user input to file

ELSE IF user enters 2

OPEN/LOAD ebid file

OUTPUT load time in ms

OUTPUT load time in s

ELSE IF user enters 3

OUTPUT lines from loaded ebid file (id, title, amount, fund)

ELSE IF user enters 4

SEARCH file for bid

IF bid IS found

OUTPUT bid found (ms)

ELSE

OUTPUT bid not found

ELSE IF user enters 5

DELETE/REMOVE 1st line in file

ELSE IF user enters 6

PROMPT user to INPUT bid id

THEN PROMPT user to INPUT title

THEN PROMPT user to INPUT fund

THEN PROMPT user to INPUT amount

PREPEND user input to file

ELSE IF user enters 9

RETURN Good-Bye

ELSE

OUTPUT “Please enter a valid menu selection:”

CALL DISPLAY MENU

END

**Code Reflection**

The purpose of this week’s code assignment was to make us more familiar with data structures, algorithms, and pointers. The purpose of the code for the project is to give users options to view and interact with loaded bidding site files. They should be able to choose menu options that allow them to add items to the bid list at either the front or back of the list, remove items from the bid list, search items that already exist in the list, and print all items and their corresponding information.

This week, while I did struggle with the assignment, found myself not having to check how to do something as often as previous weeks, as I was able to ascertain the process needed in most cases. I still did need to refer back and forth, using resources like MDN, w3schools, reference notes from previous courses, and so on to ensure I was applying the code correctly to achieve the desired outcome. While I really do hate having to look up how to do something, as I feel like it means I am not retaining or completely grasping concepts, I was able to do enough reading to understand how to complete the assignment. The announcements posted throughout the week have helped me IMMENSELY, and have allowed me to better understand the material, as I ALMOST ALWAYS over complicate and confuse myself when going over the course content on its own.