**Department of Electrical & Computer Engineering Summer Semester, 2023/2024**

**ENCS3130 Linux Laboratory Shell**

# Scripting Project – Medical Test Management System

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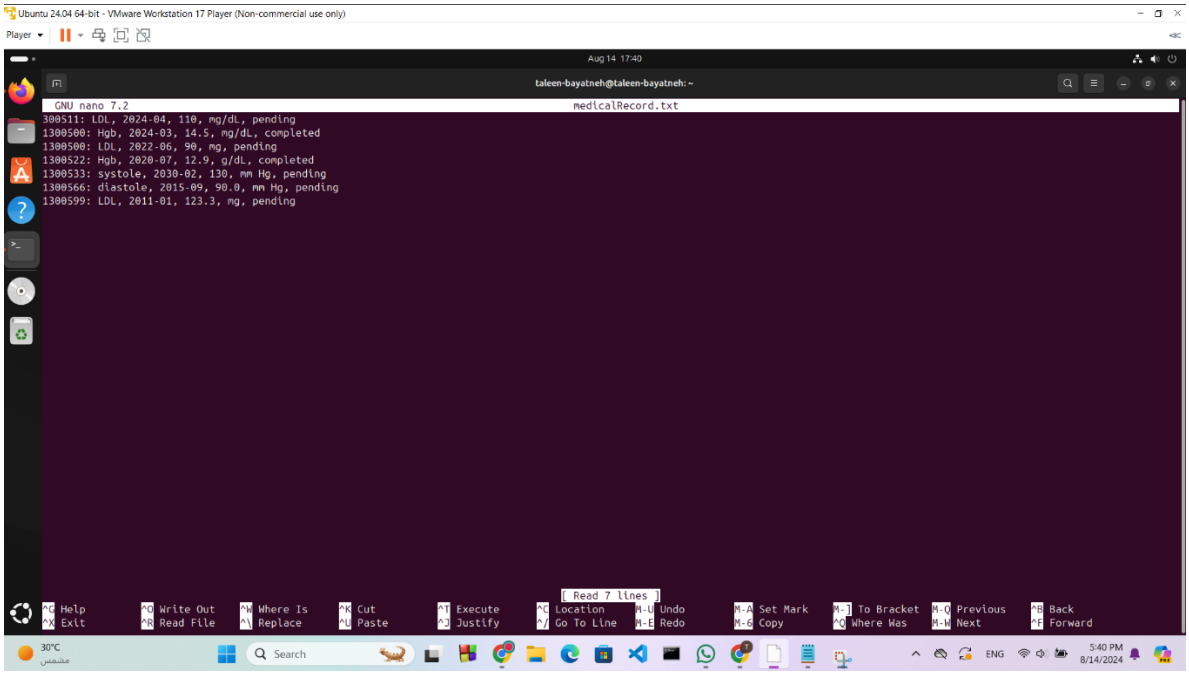
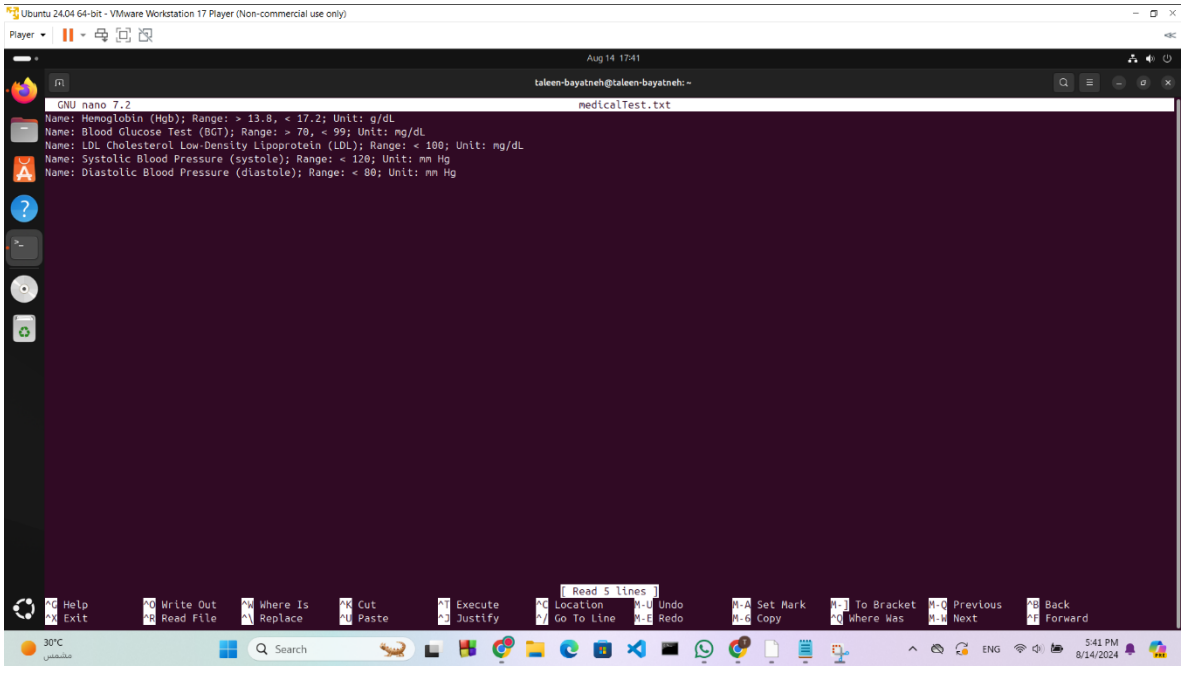
**Section : 7**

**Date : 14-8-2024**

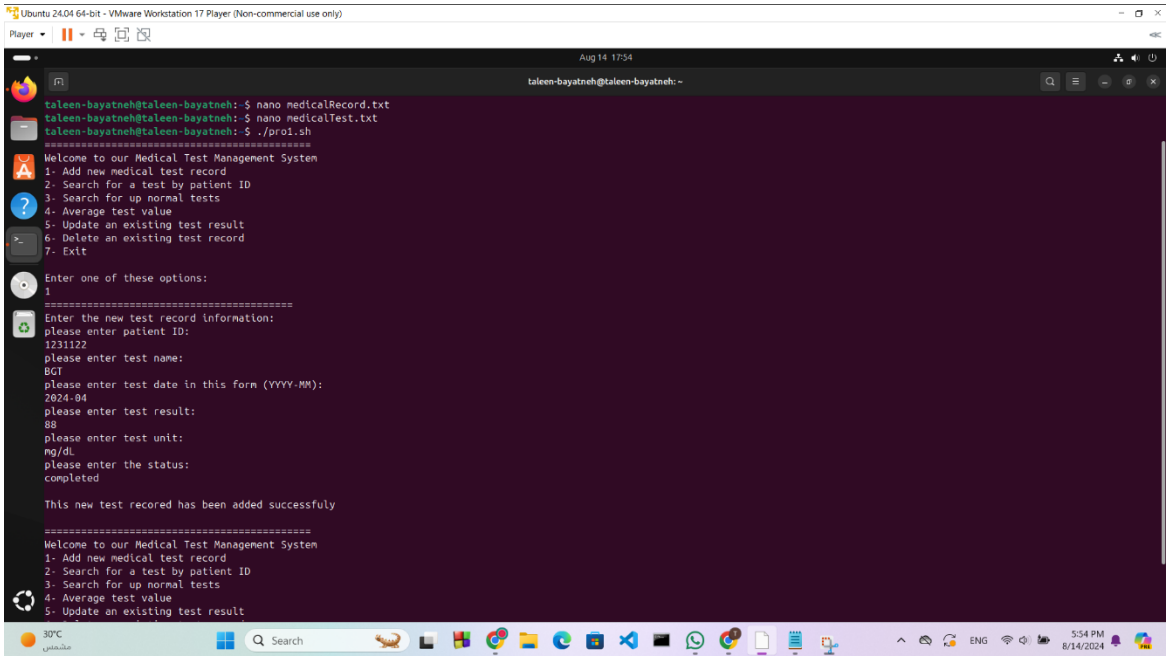
# Medical records file:



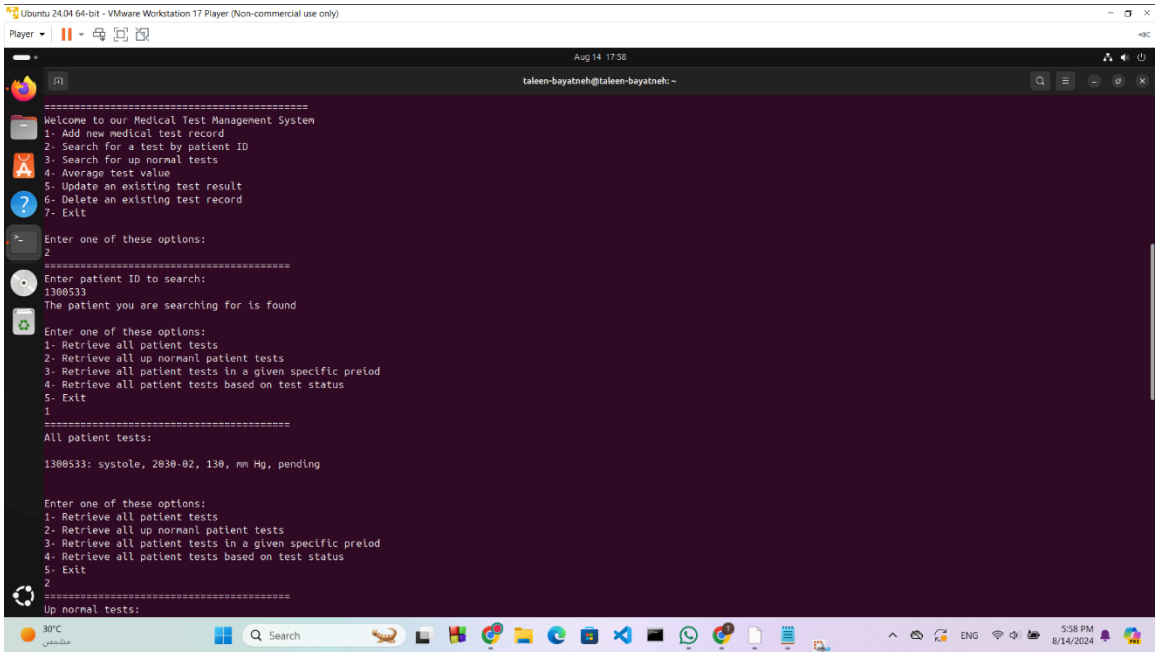

# Medical test file:



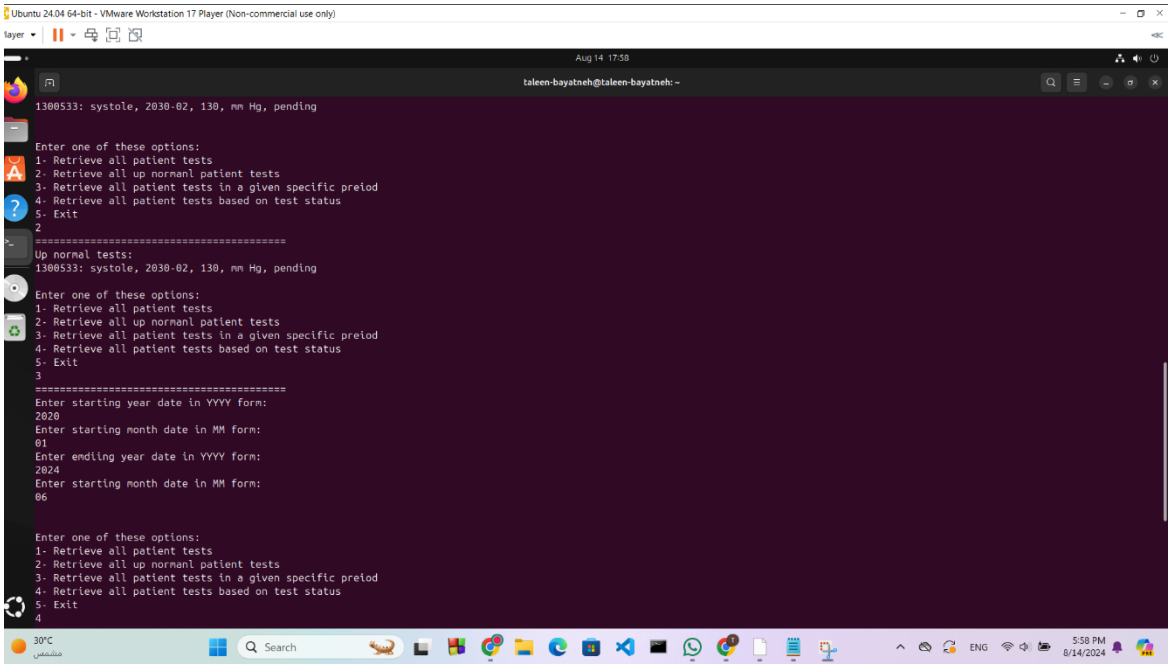
# Trying option 1 with valid values:



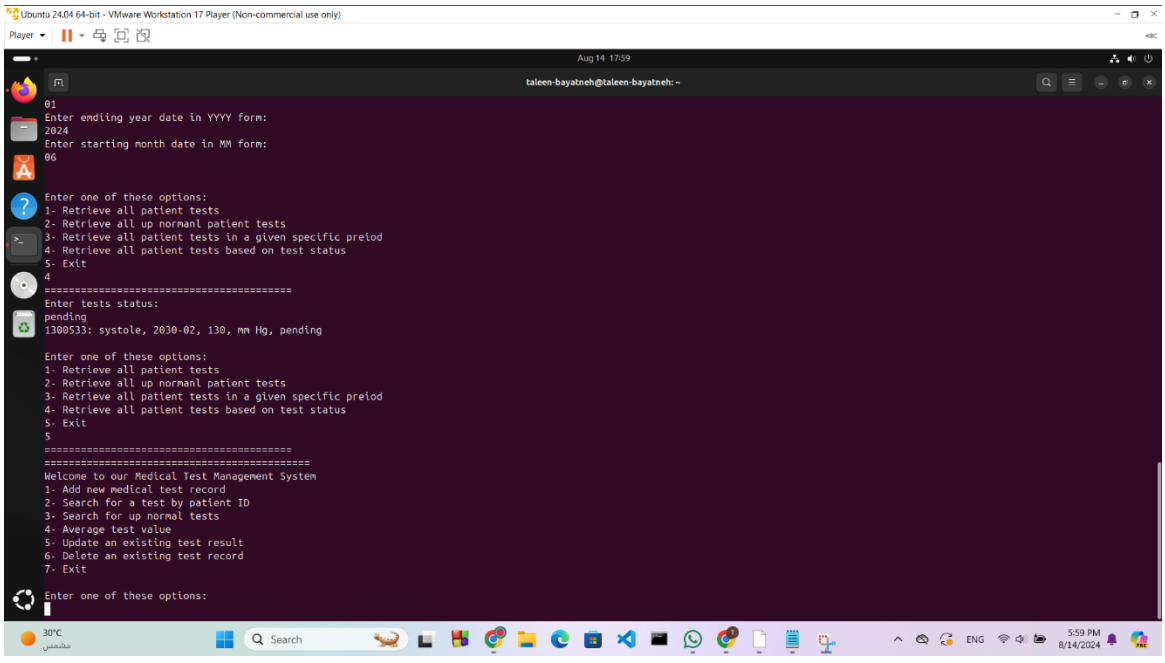

# Trying option 2 with a valid value, it will display the second menu, the screen shows the option one that search for all patient tests:



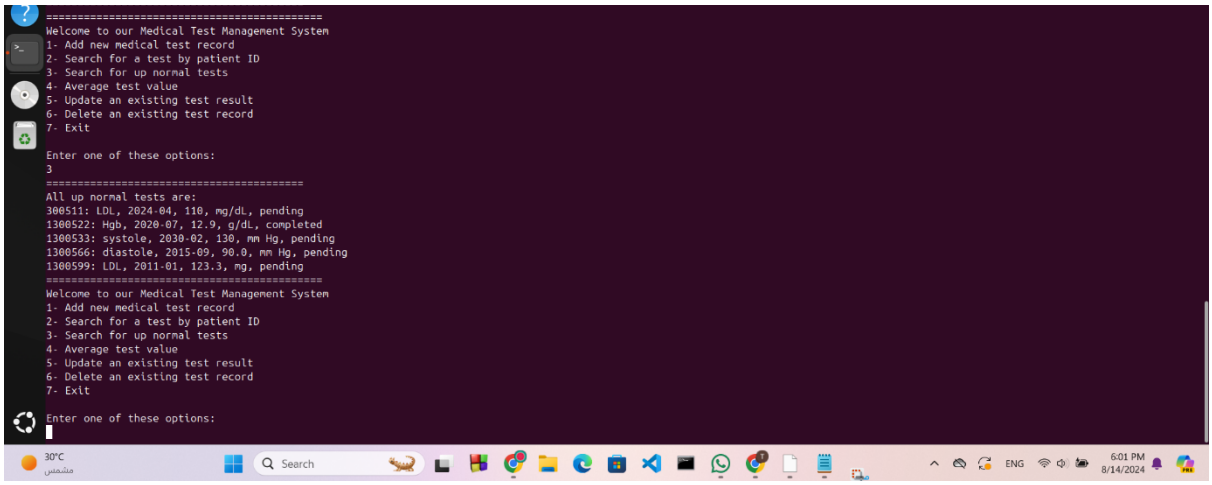
**This screen shows the option two that print all the up normal tests for that patient. Also option three that ask the user to enter a specific period to search it for tests:**



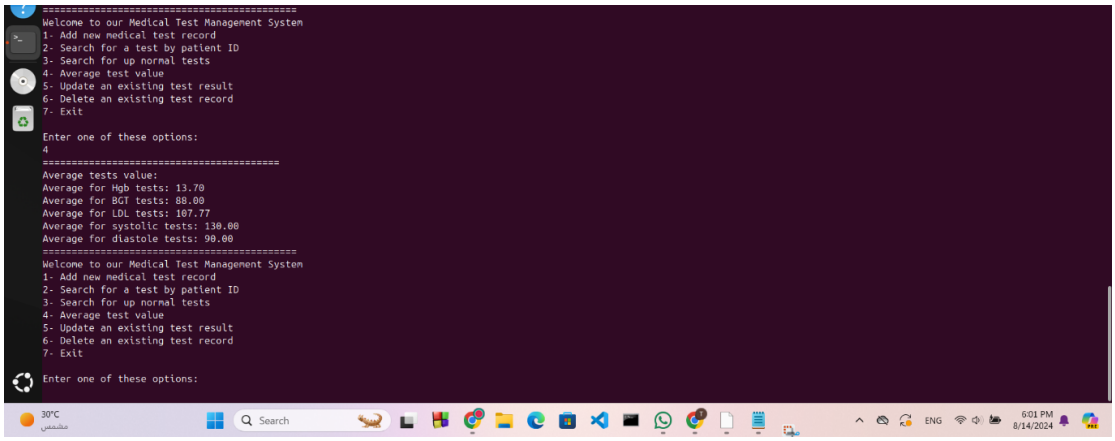

**The screen shows option four that print patient tests based on test status. And option five that exit the menu and go back to main menu:**



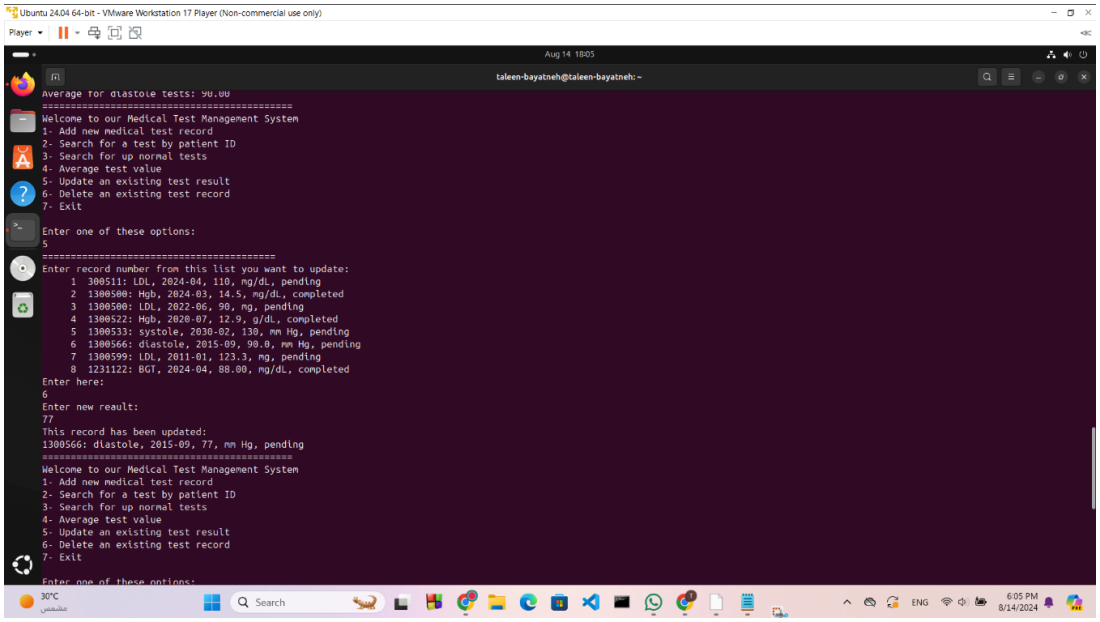
**This screen shows option three for the main menu, it will print all the up normal tests in the medical record file:**




**Option four in main menu will print the average tests values:**

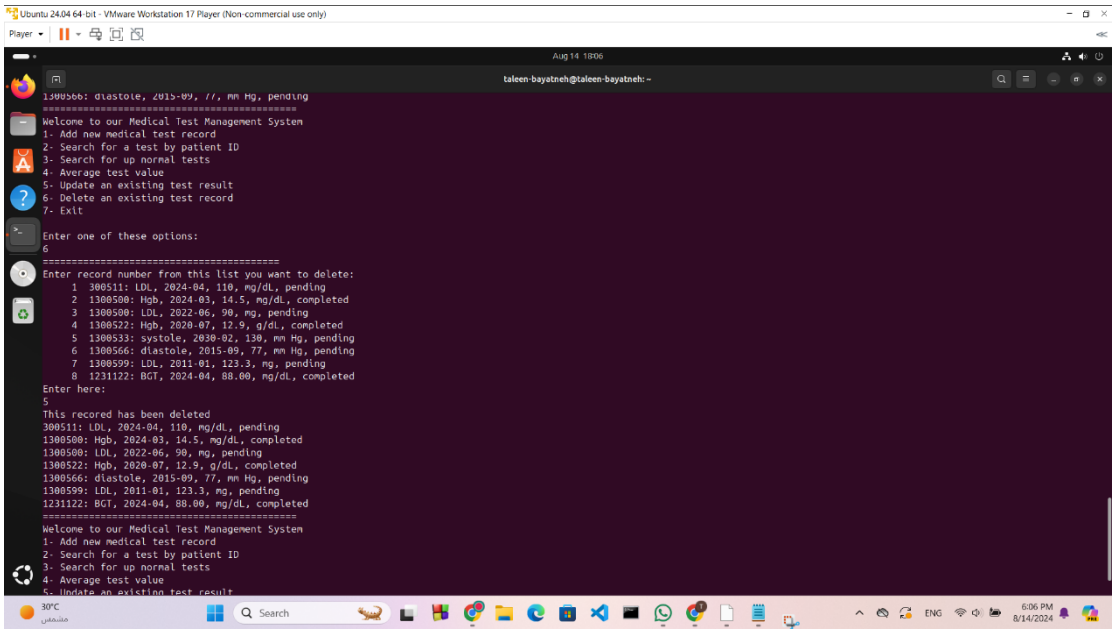


**Option five for update a result, so the program will display a list for patient tests and the user will enter a line number and the new result:**

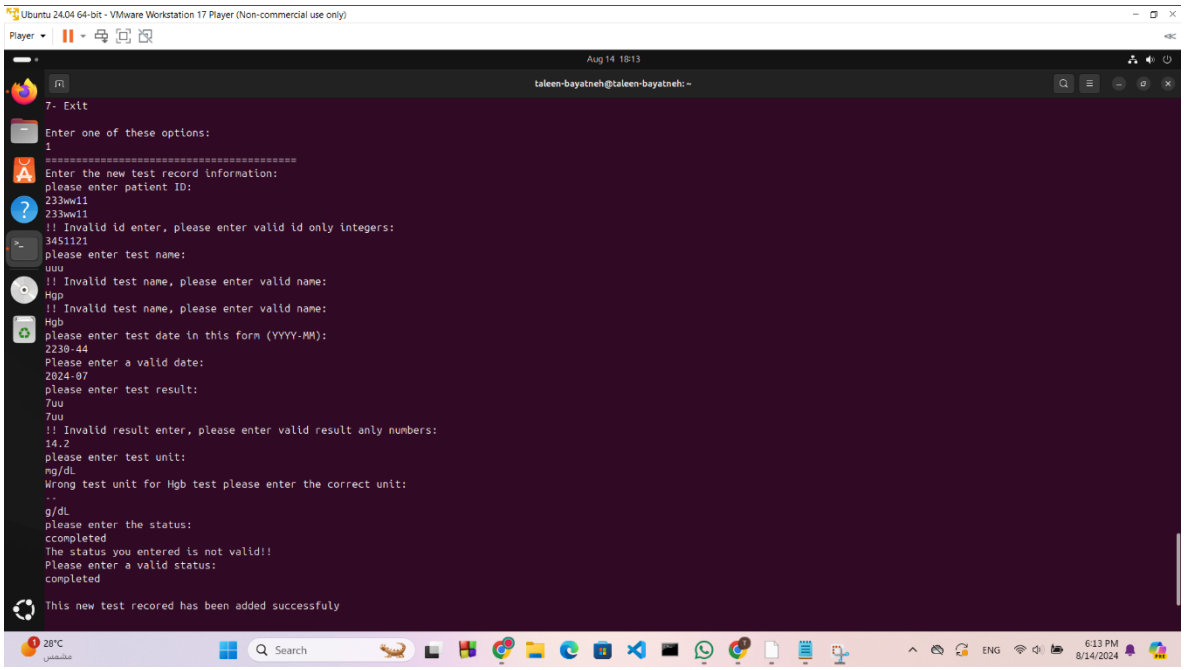



**Option six for delete a test, so the program will display a list for patient tests and the user will enter a line number to delete it:**

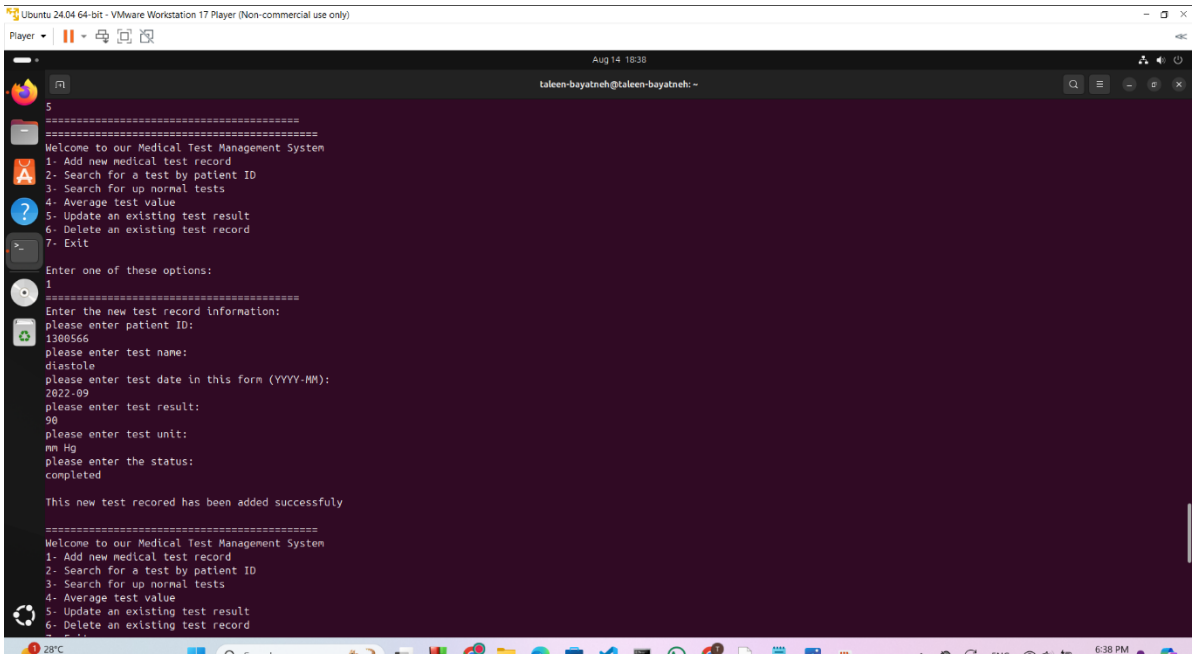
**(Note: after taking screenshots, an incorrect value was noticed. It was added using the nano text editor, and due to lack of time, we deleted it using the delete option because it appears in 6 screenshots)**



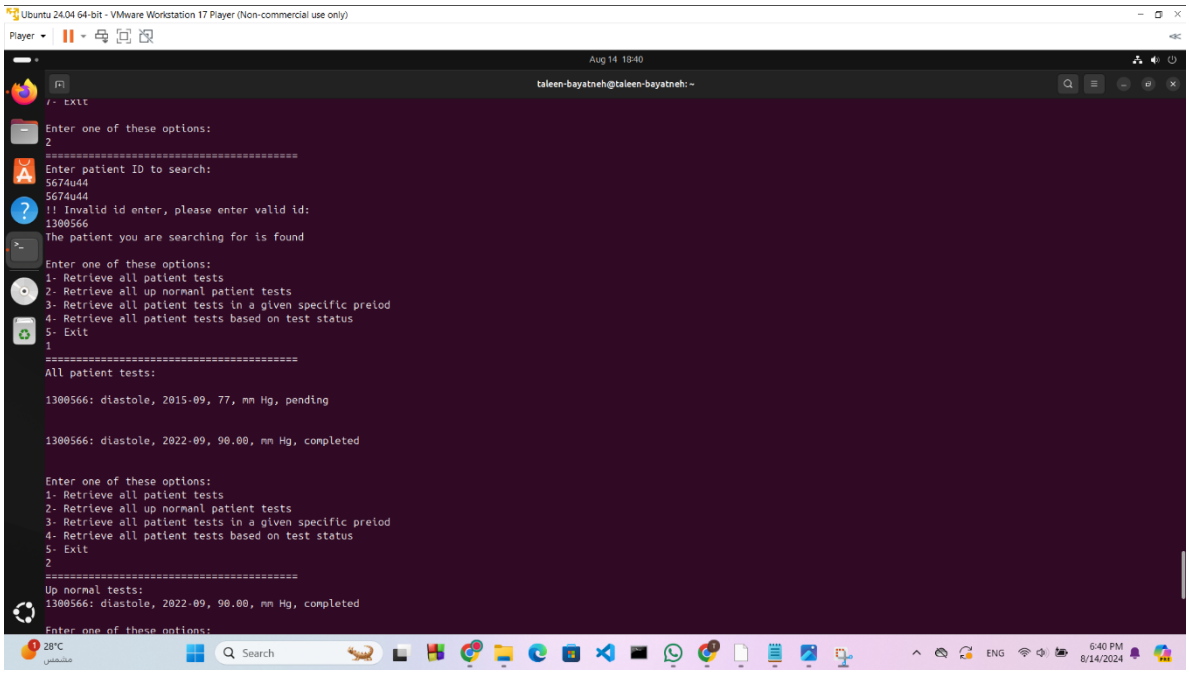
# Option one with invalid values to make sure that the program taking a true value:



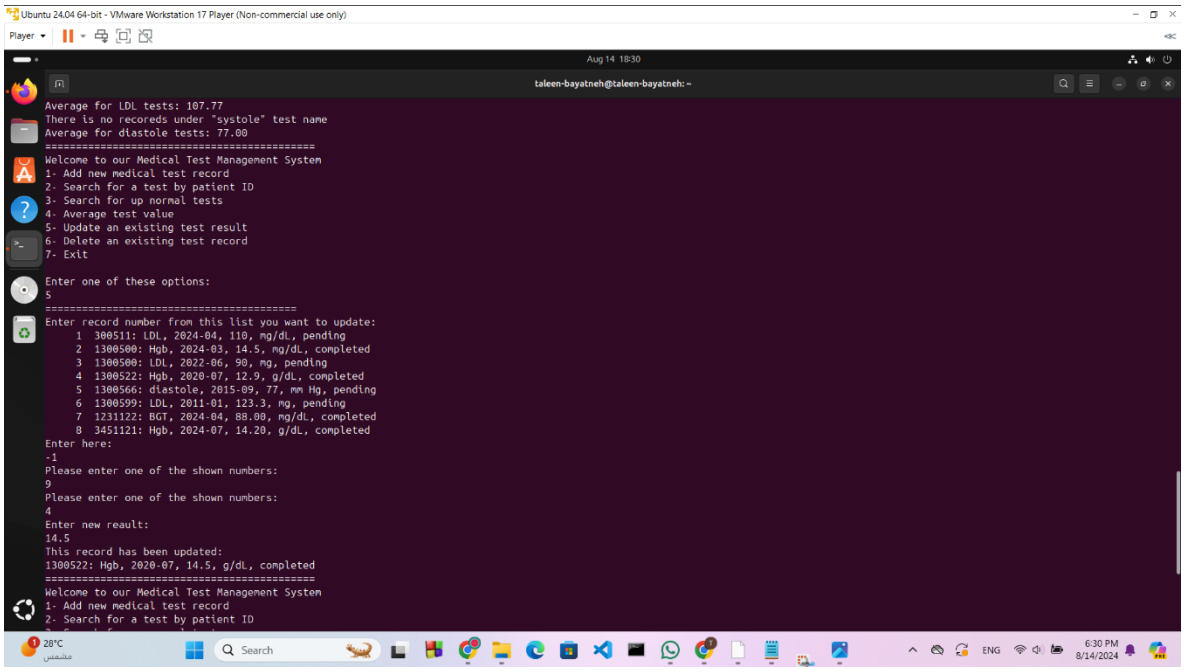

# Adding another test for the same id in the file:



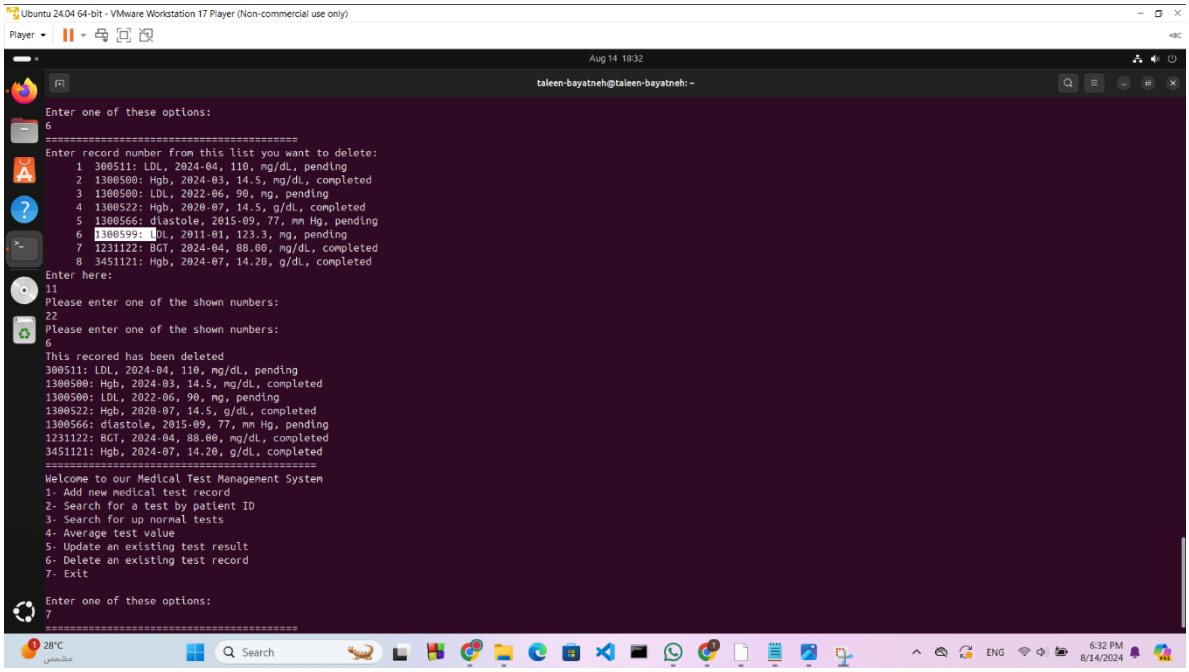
# Option two with invalid values to make sure that the program taking a true value:

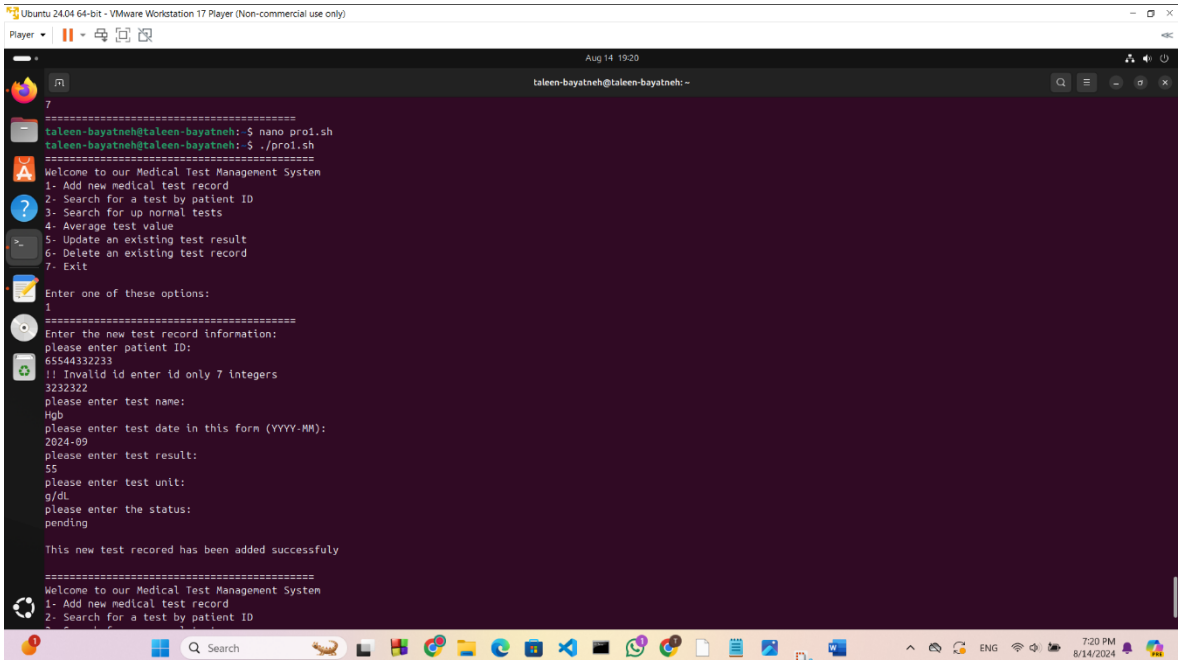



# Trying to enter invalid values for the updating option:



# Invalid values for option 6:




# Trying to enter more than 7 digits for patient id: