Name: Min Sung Cha Student Id: 85408485

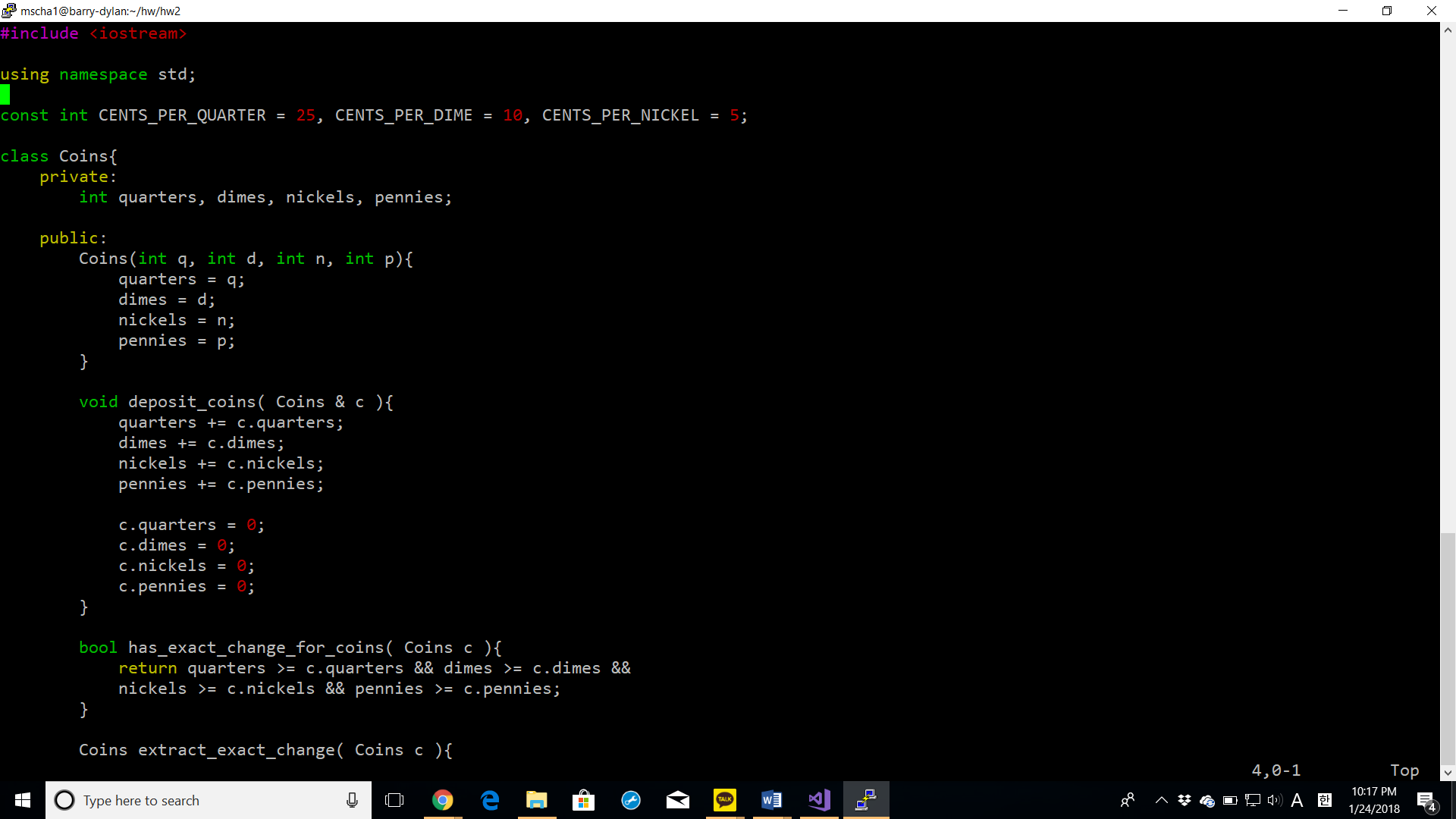
Analysis of a few functions and any embedded functions

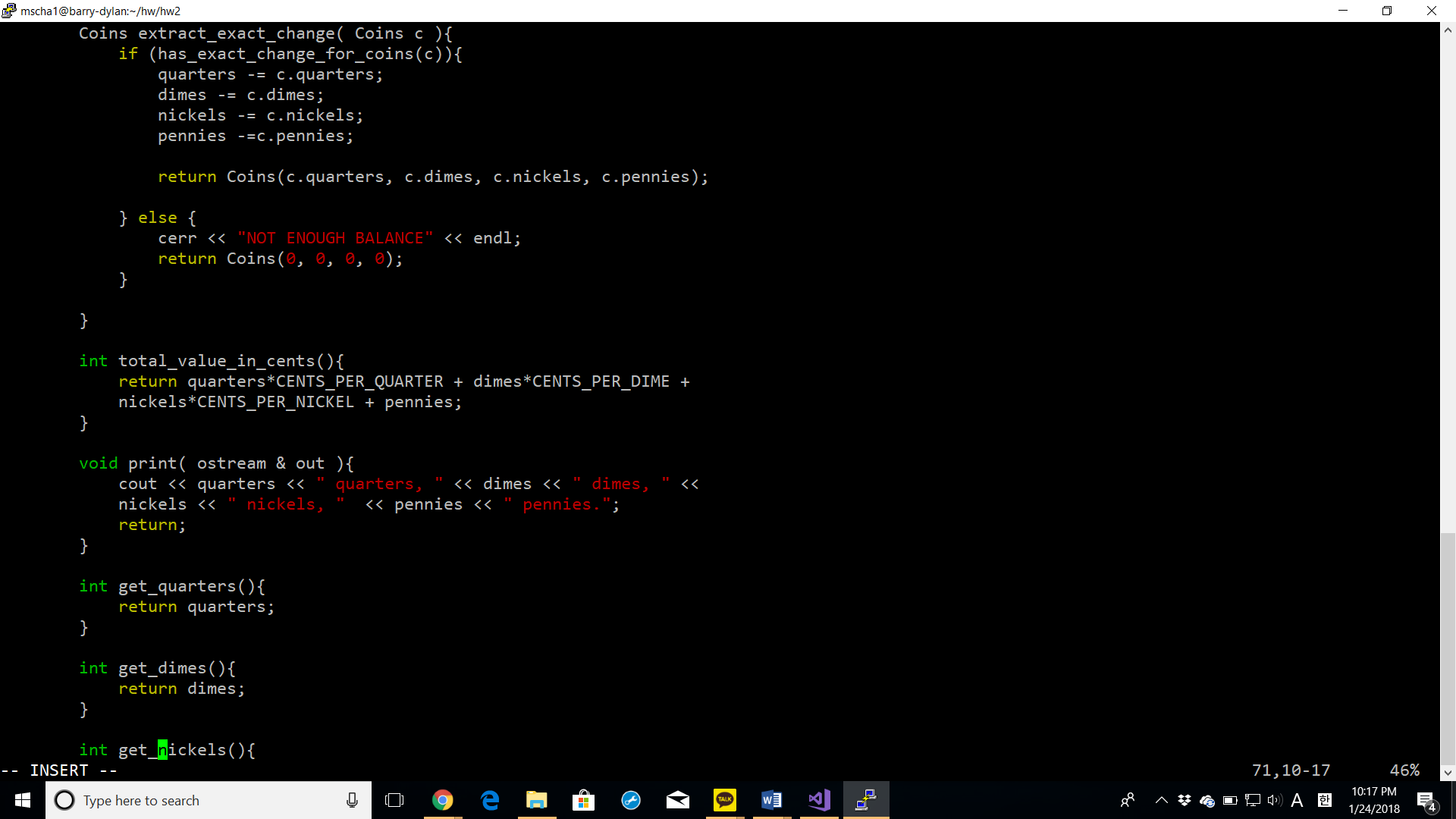
Show code snippets with screenshots or copy/pasted code

Show : **deposit\_coins,extract\_exact\_change,has\_exact\_change\_for\_coins**

And any other function that you think is useful for grading.

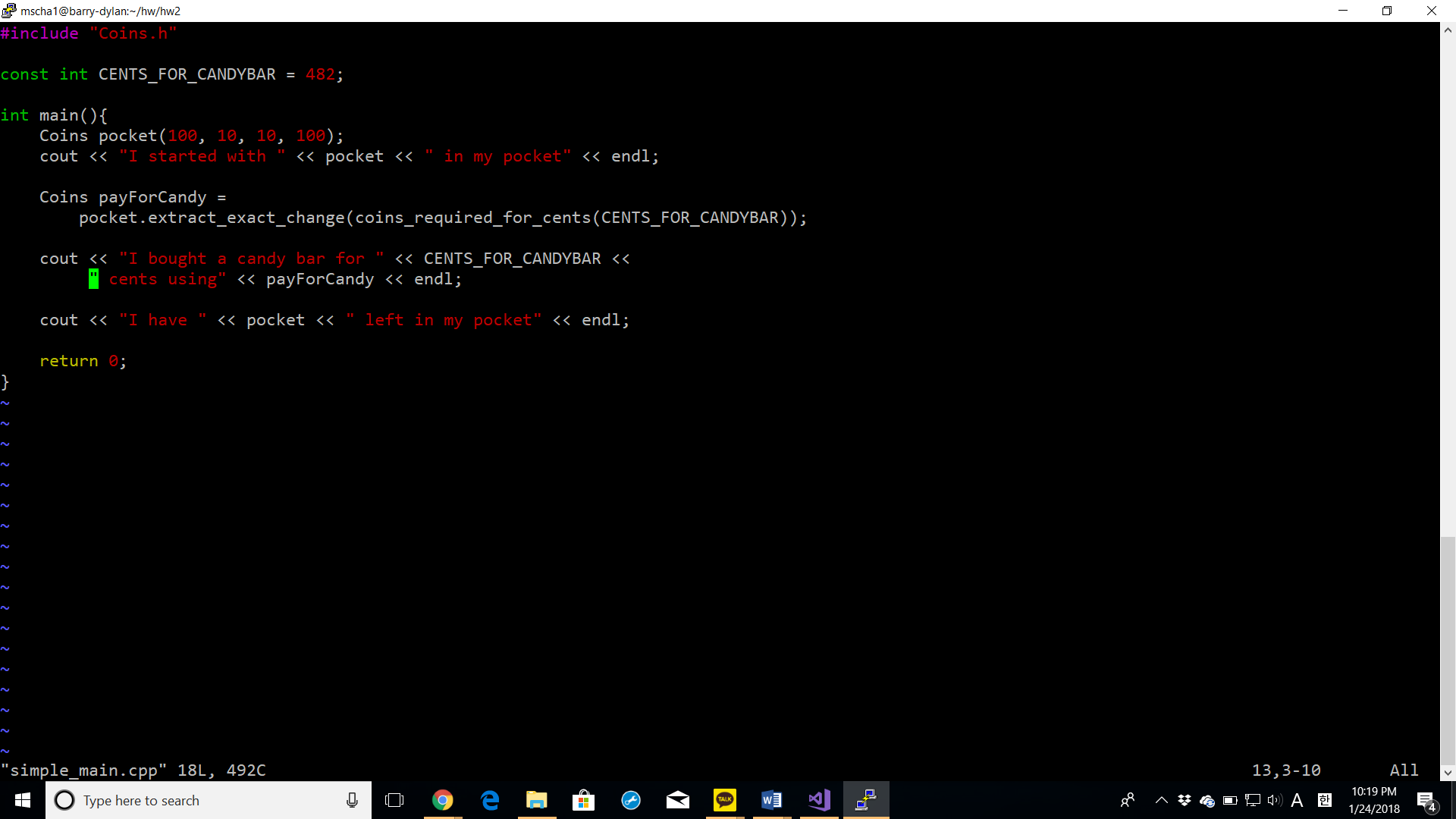
**Coins.h**



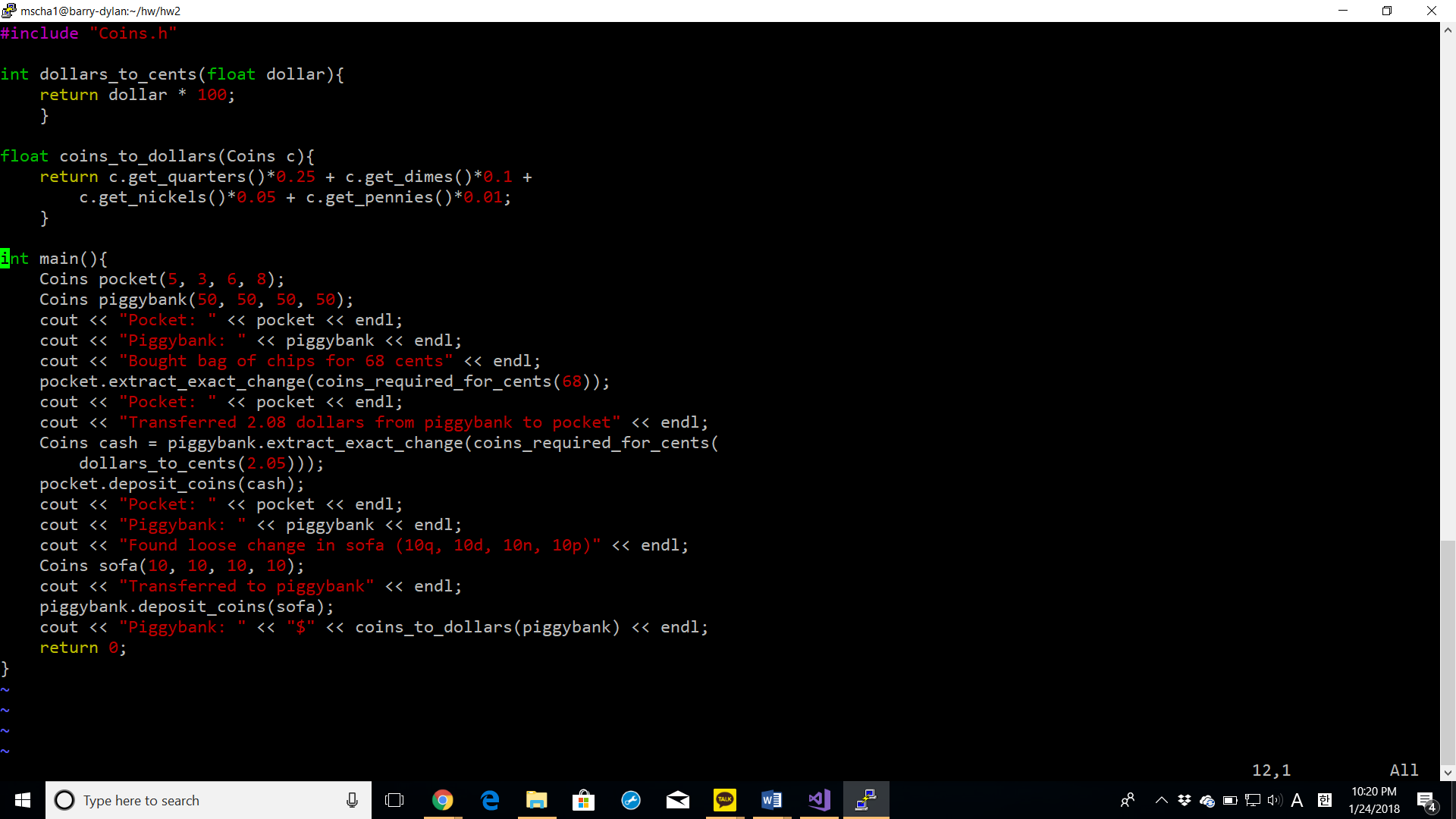




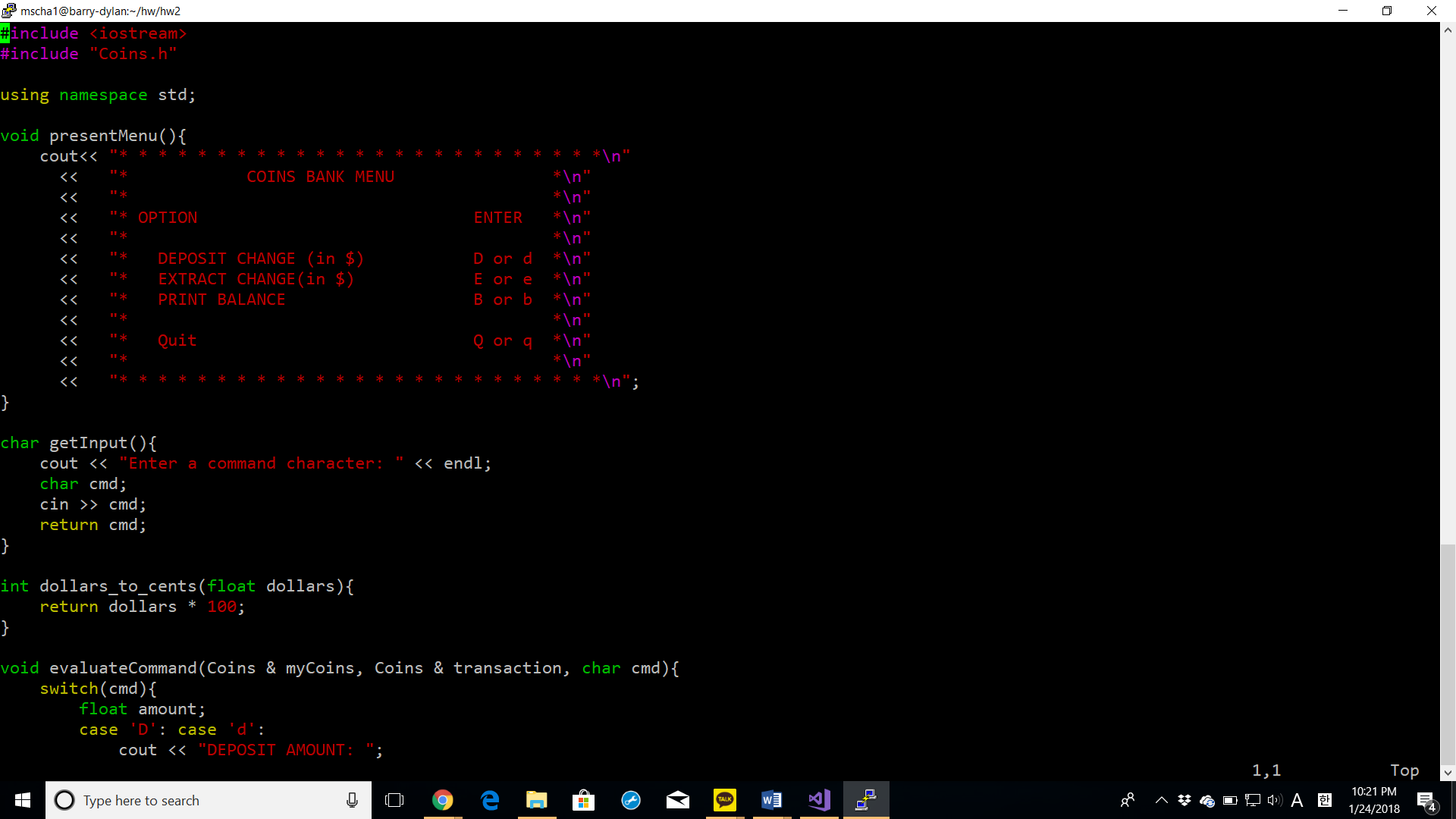
**simple\_main.cpp**

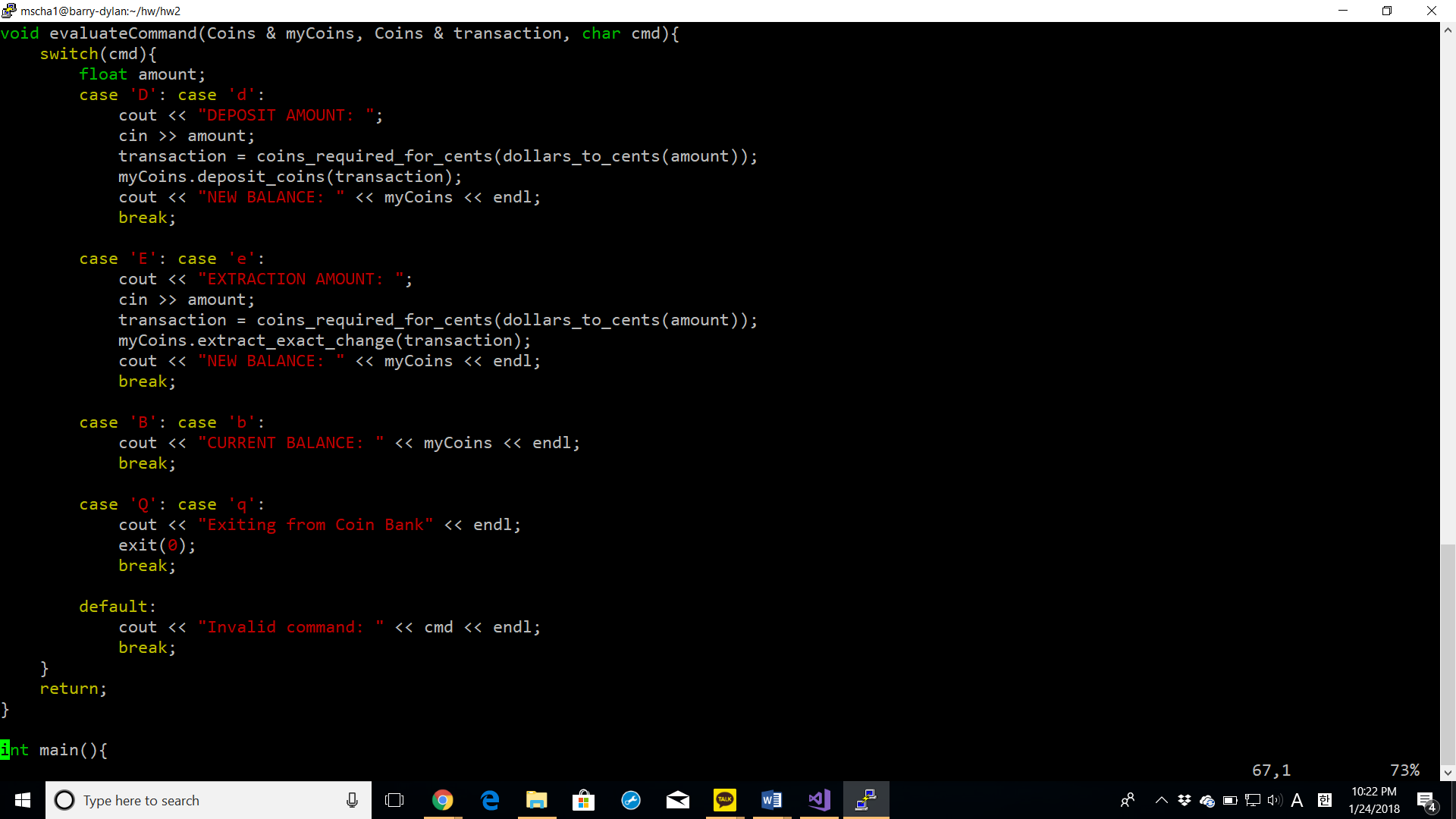


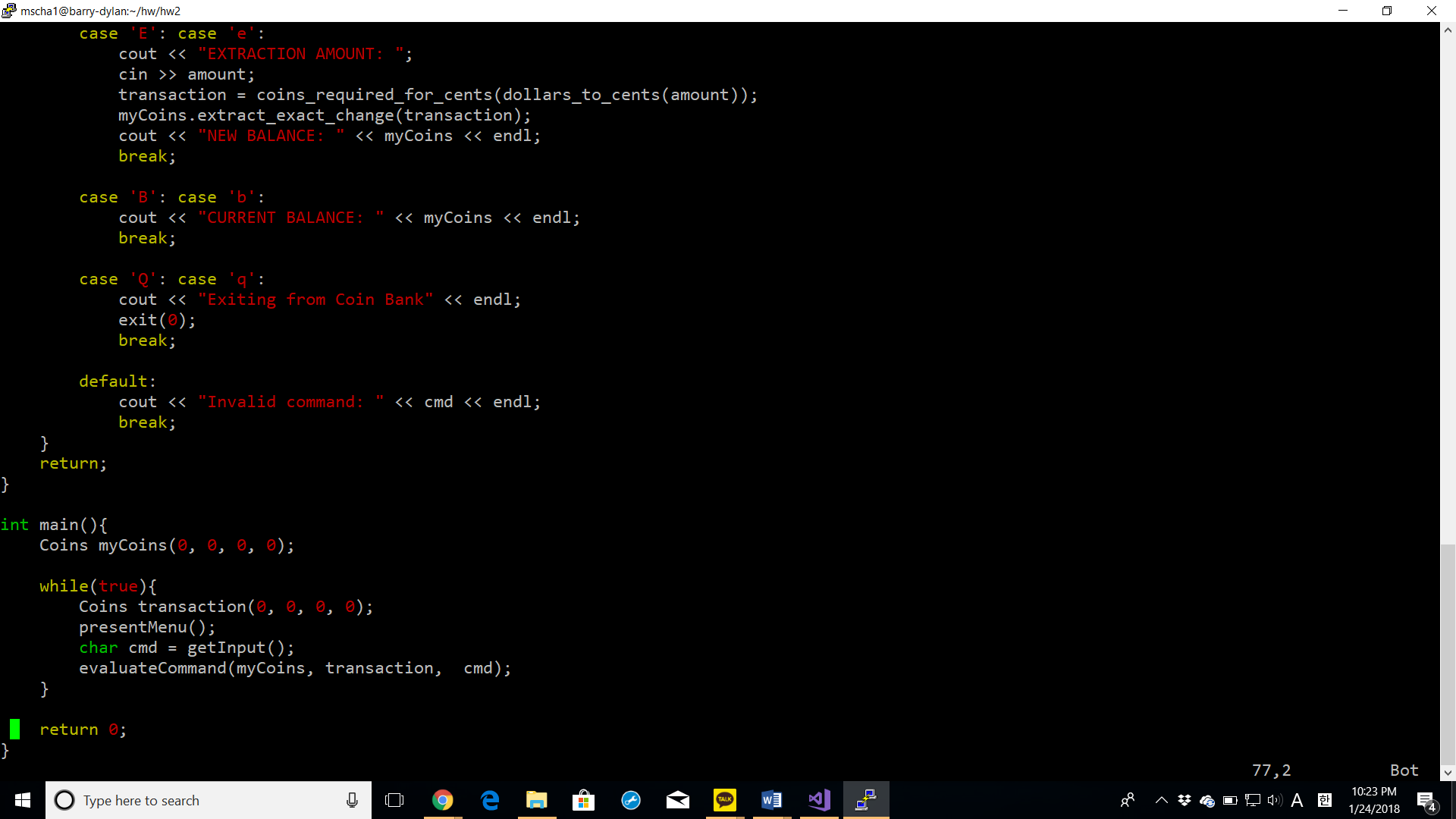
**coins\_main.cpp**



**coins\_menu.cpp**

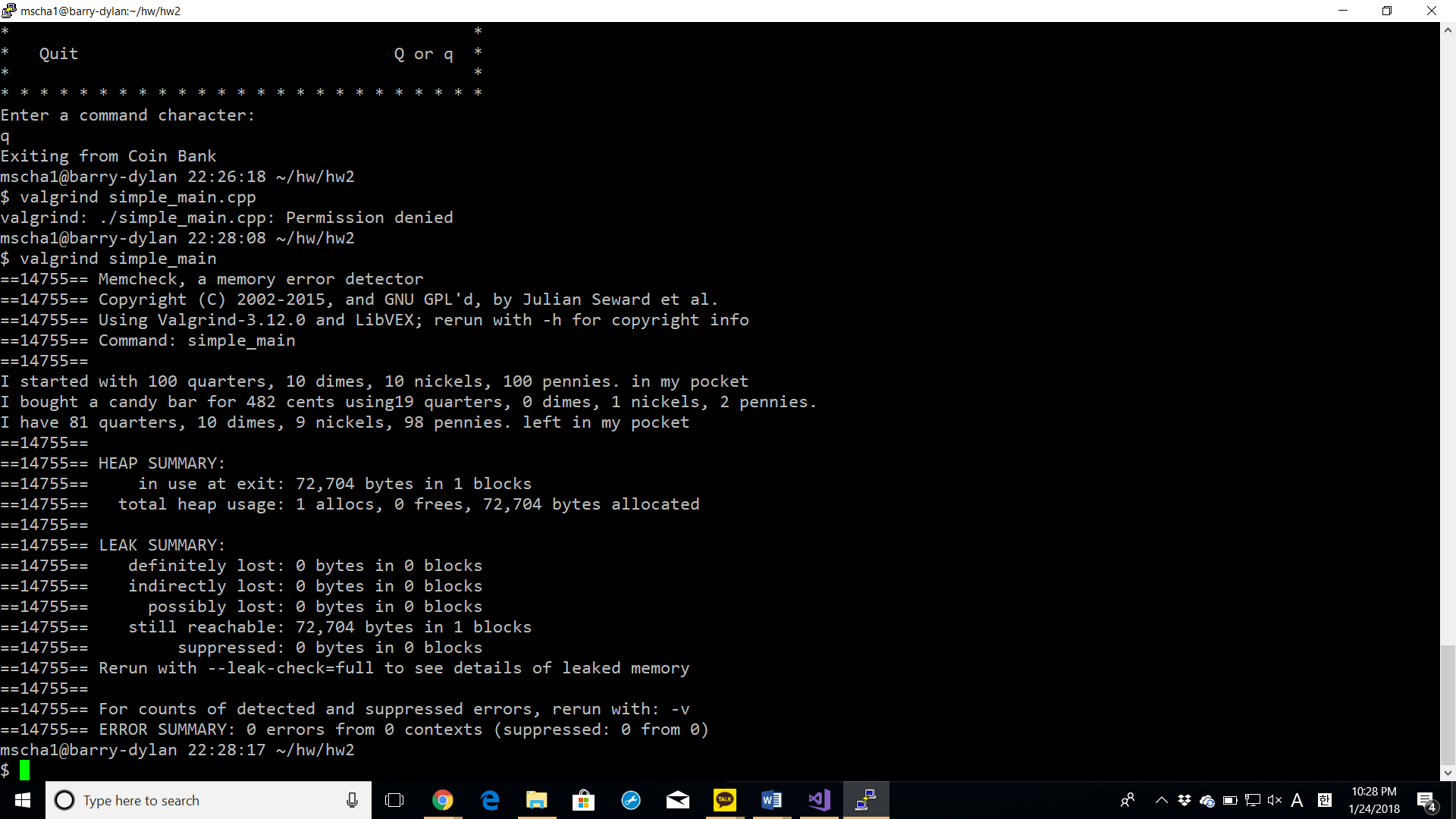




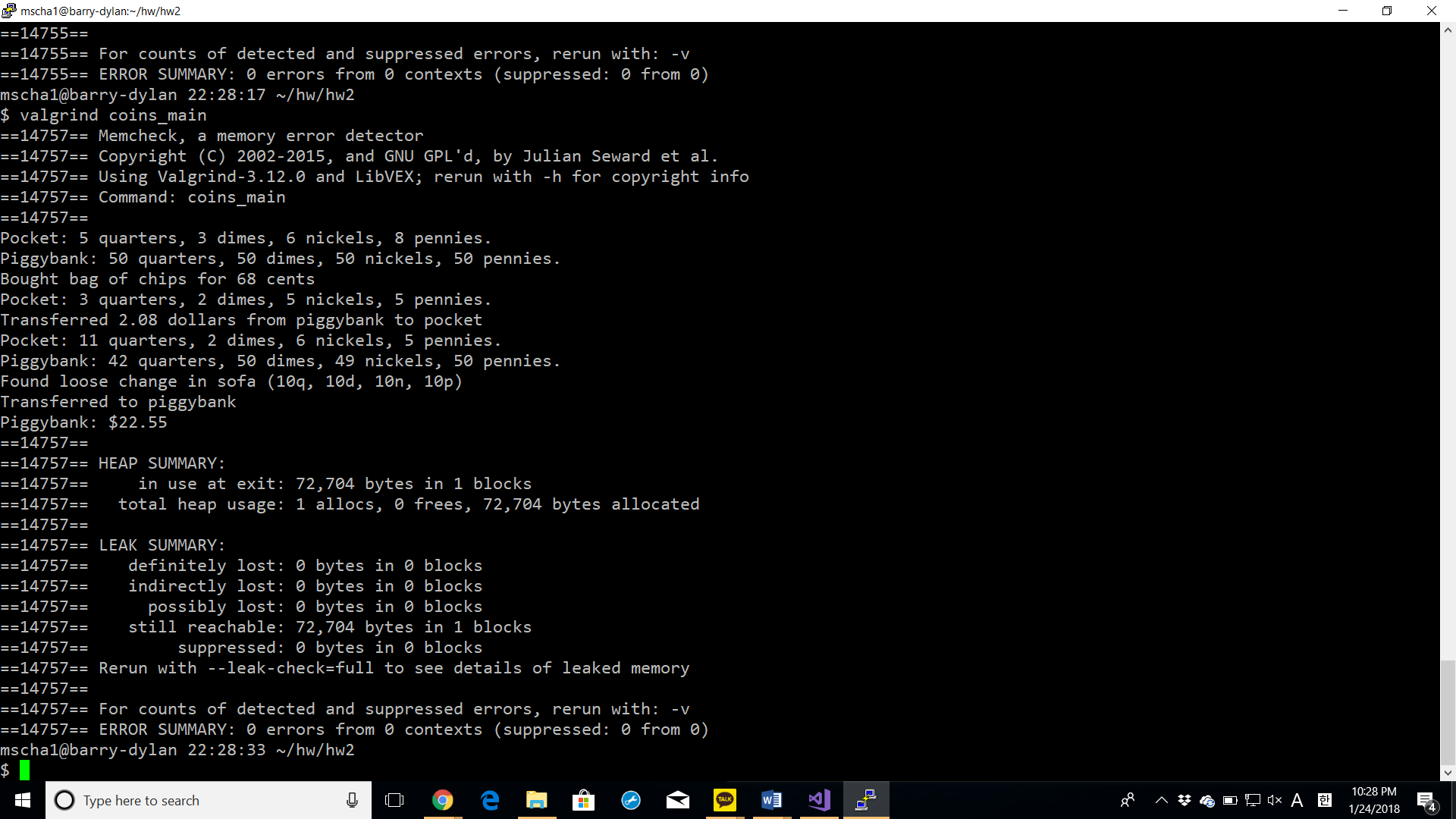


Successful execution with Valgrind screenshot

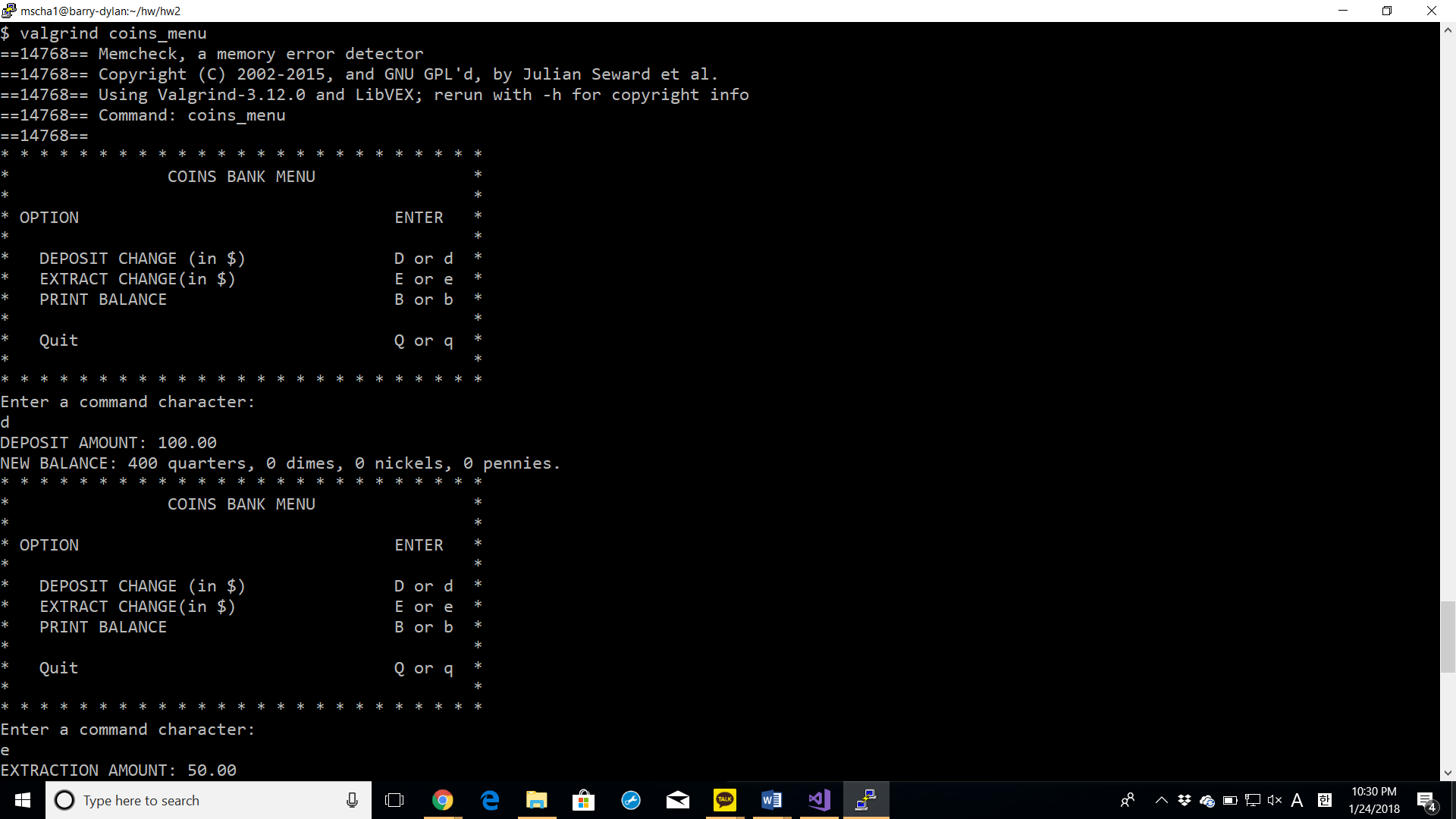
**simple\_main.cpp**

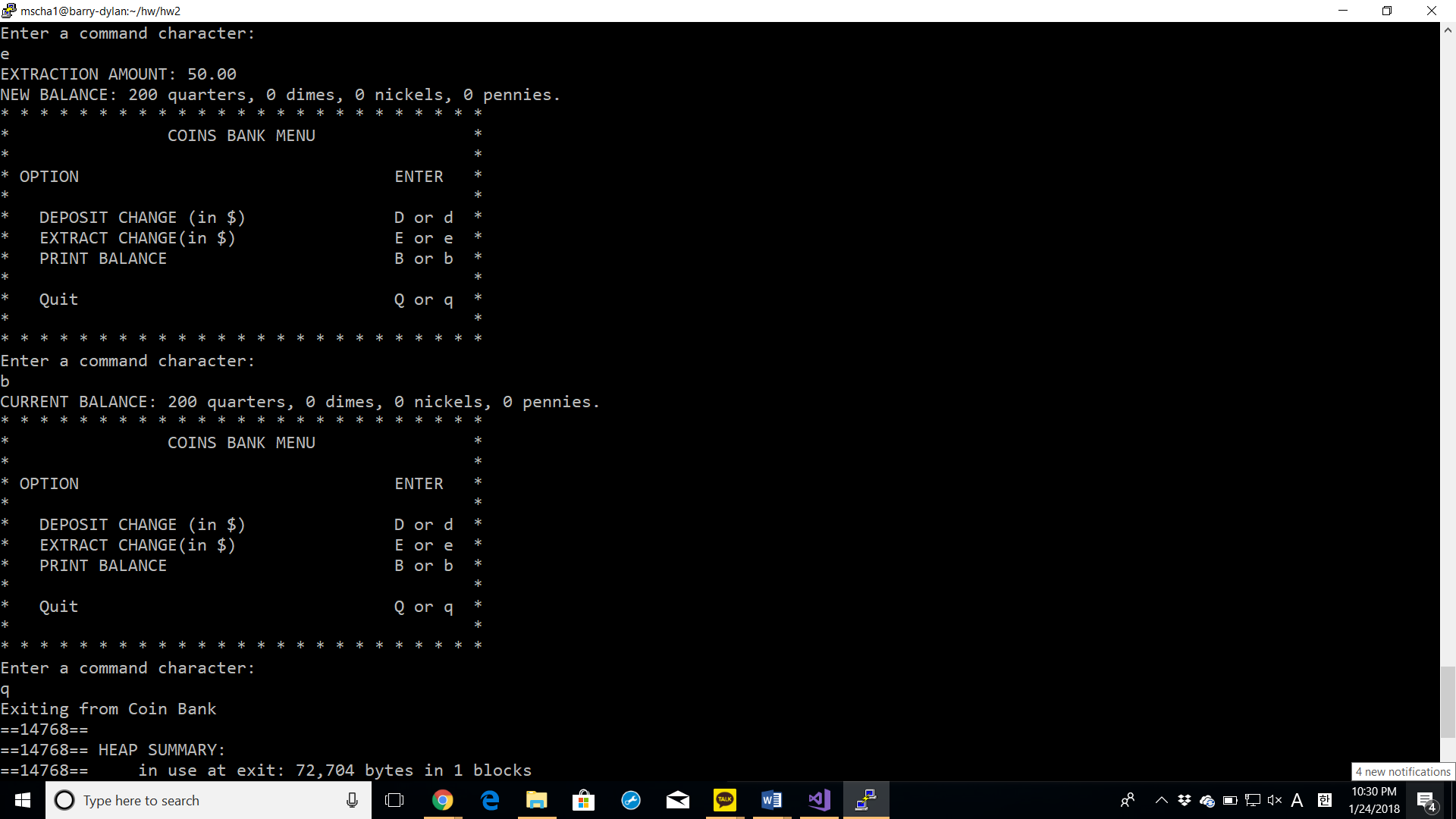


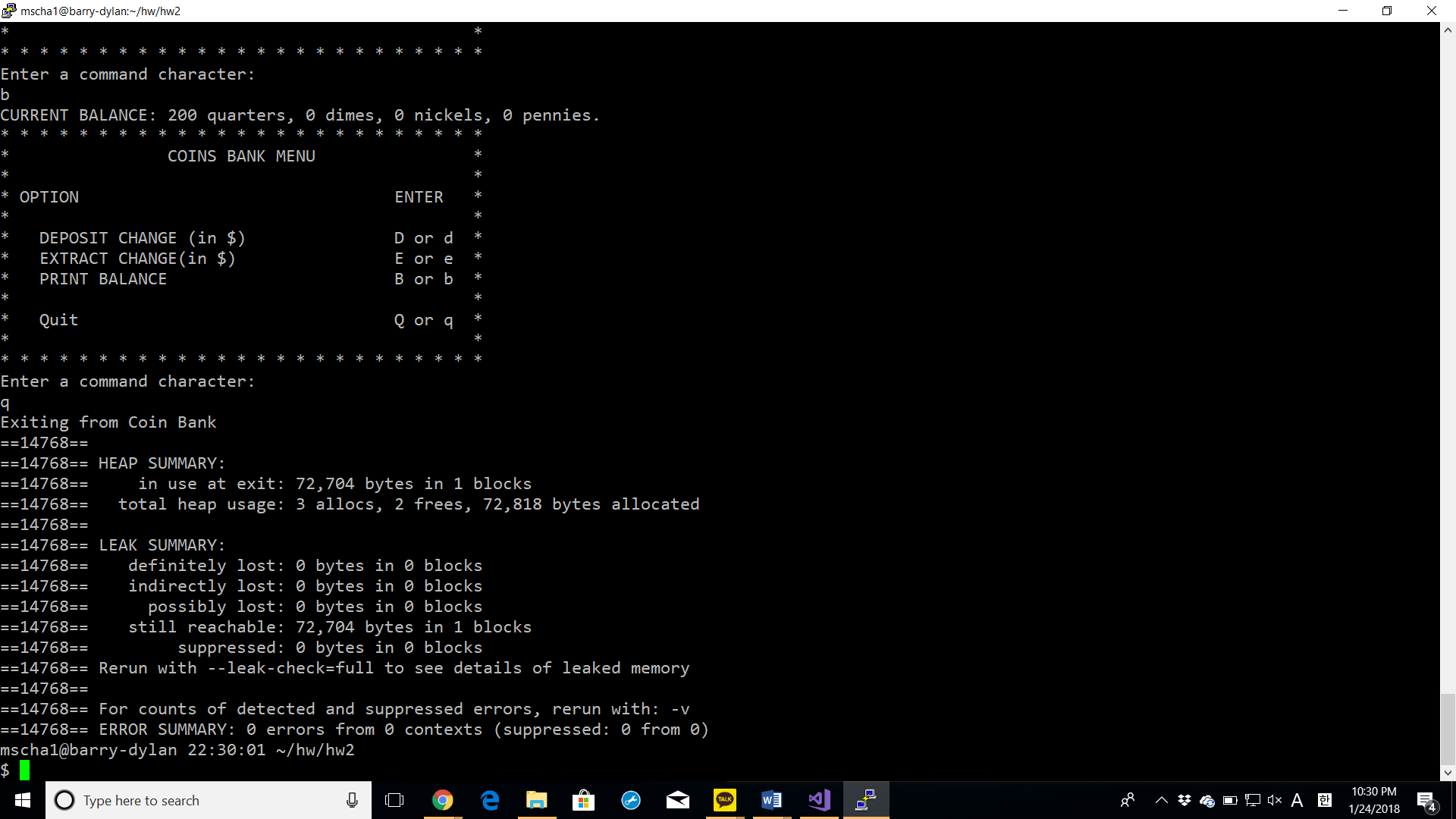
**coins\_main.cpp**



**coins\_menu.cpp**

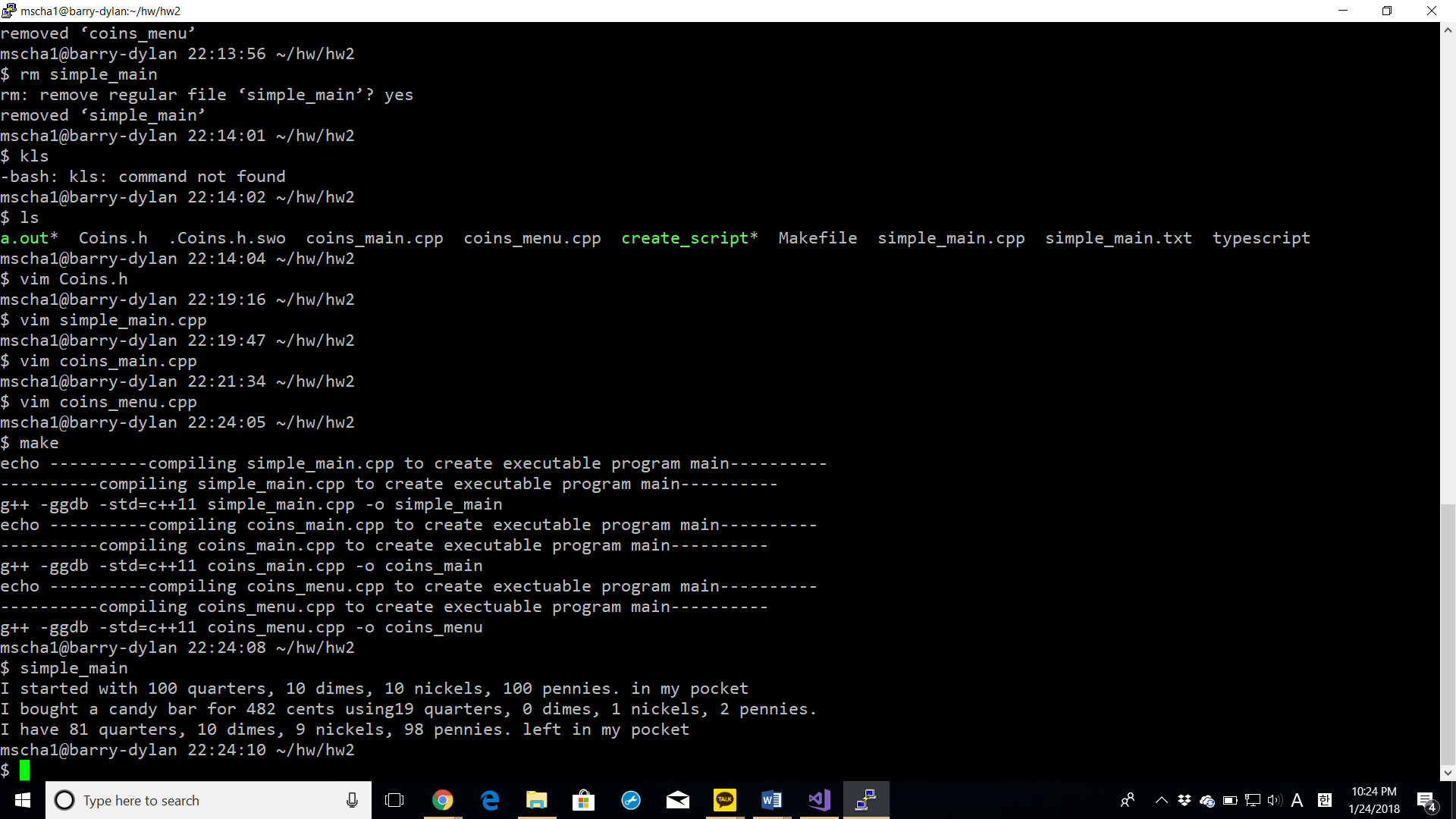






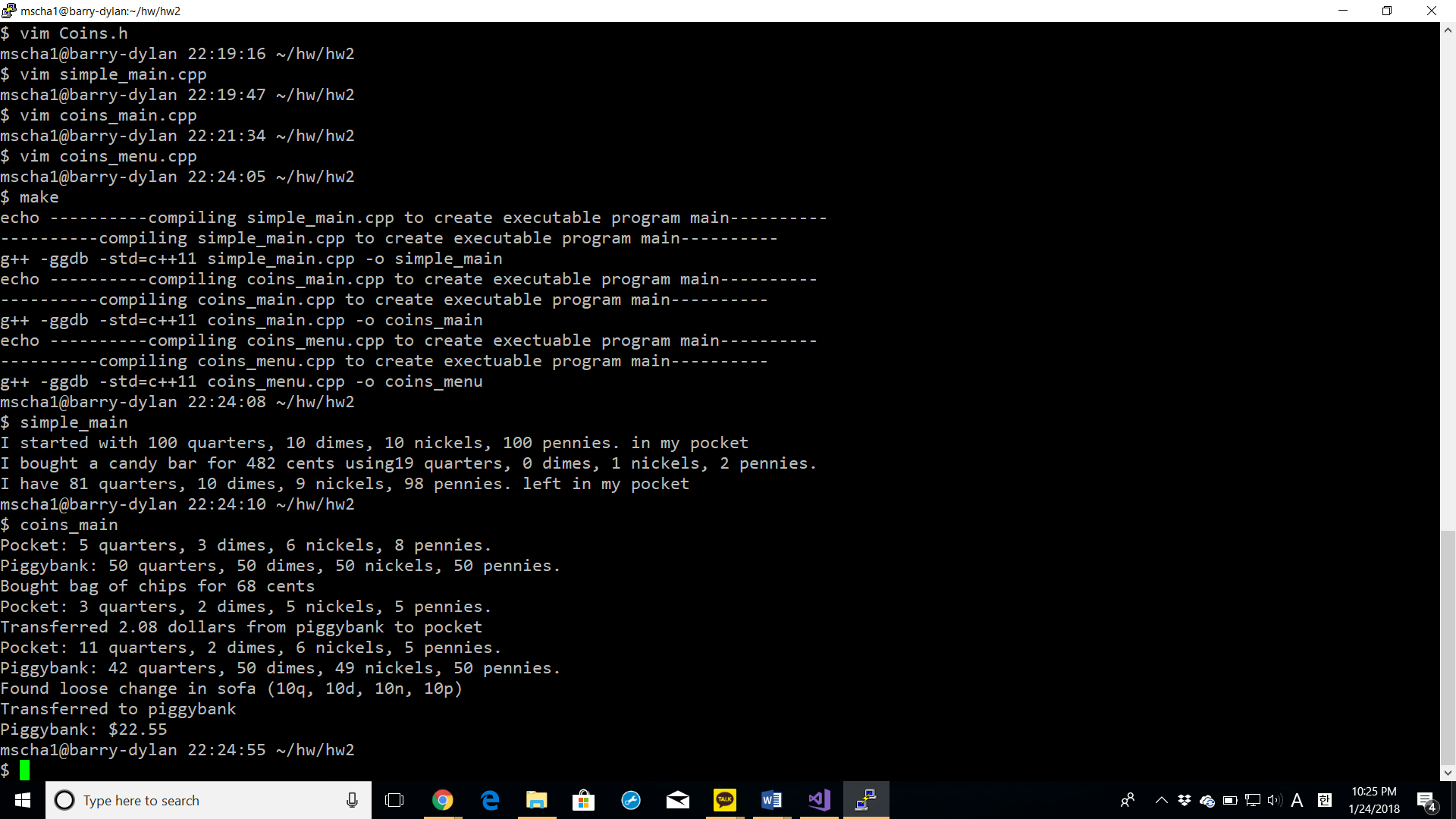
Test Output screenshots with descriptions of each test

**simple\_main.cpp**



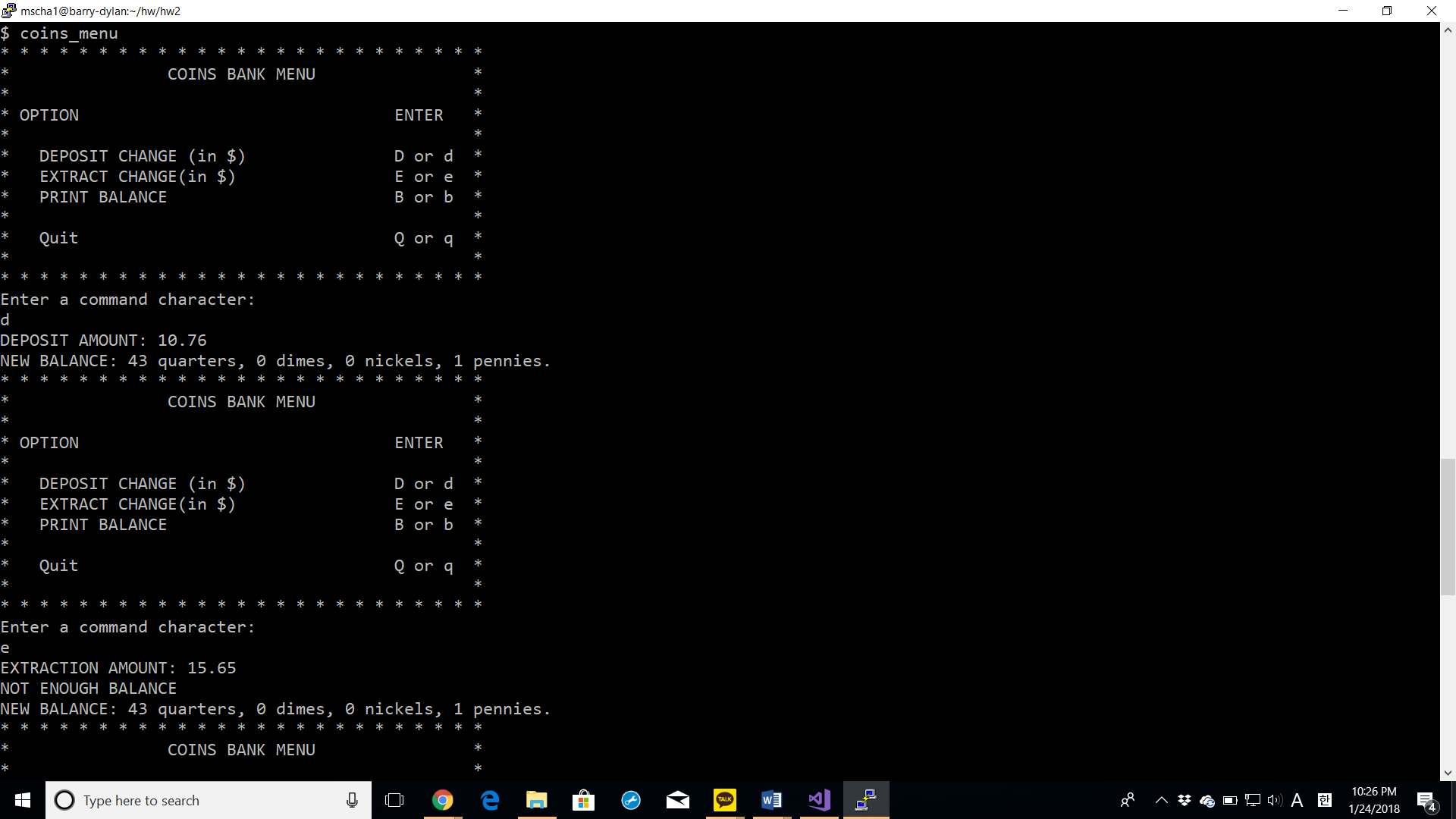
* Executed simple\_main.cpp as outlined in hw2 problem 1

**coins\_main.cpp**

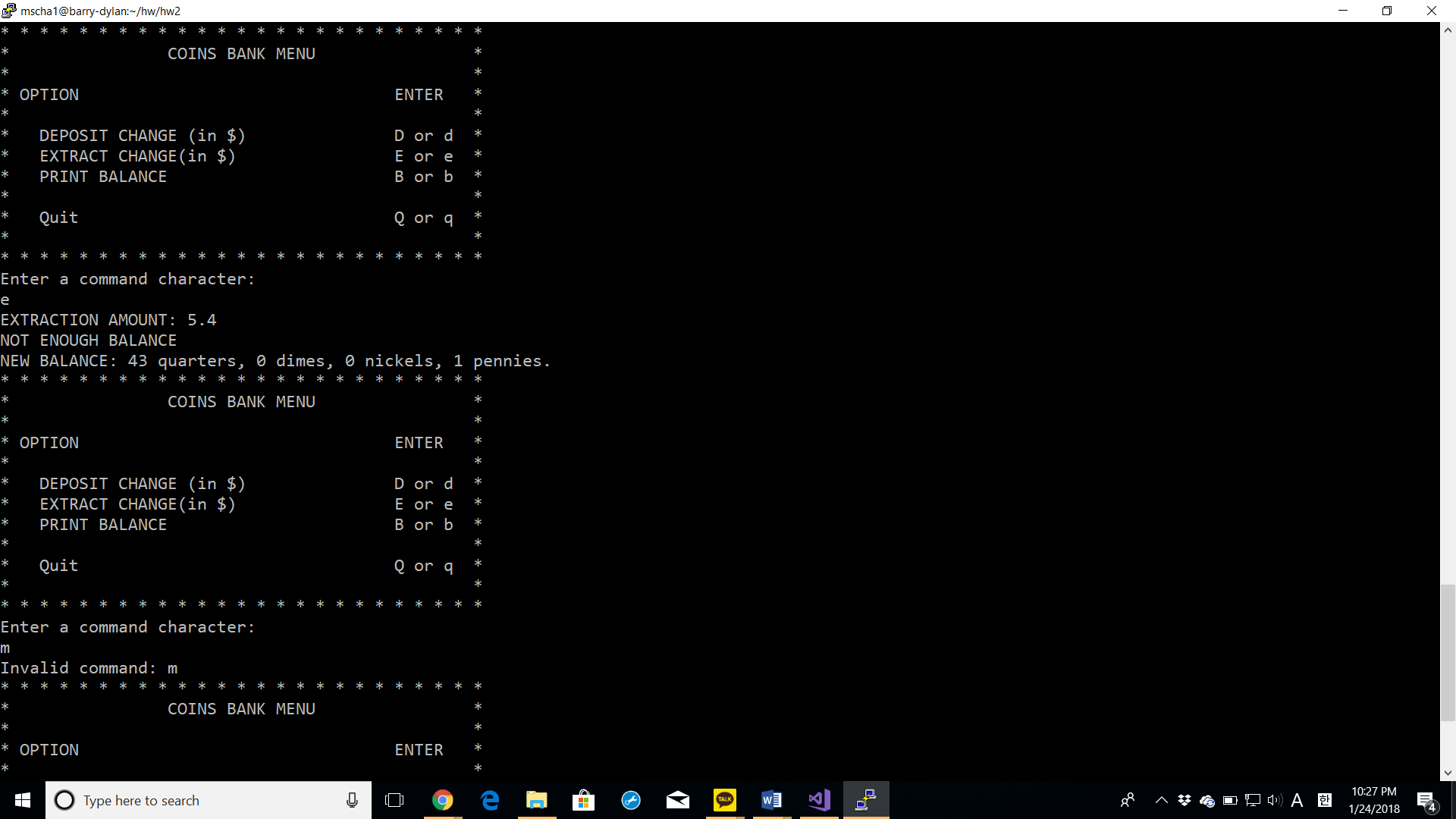


* Executed coins\_main.cpp as outlined in hw2 problem 2

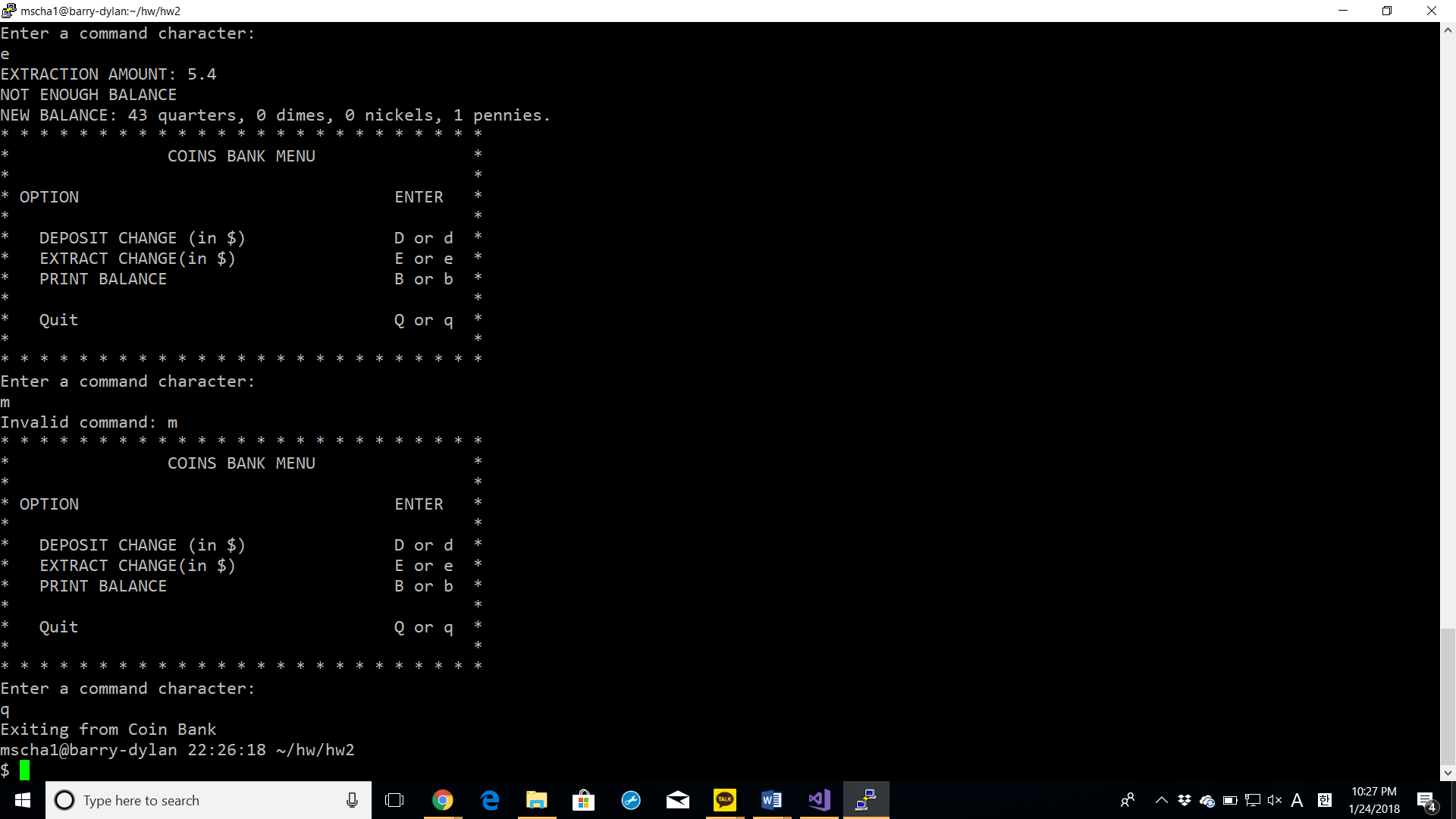
**coins\_menu.cpp**



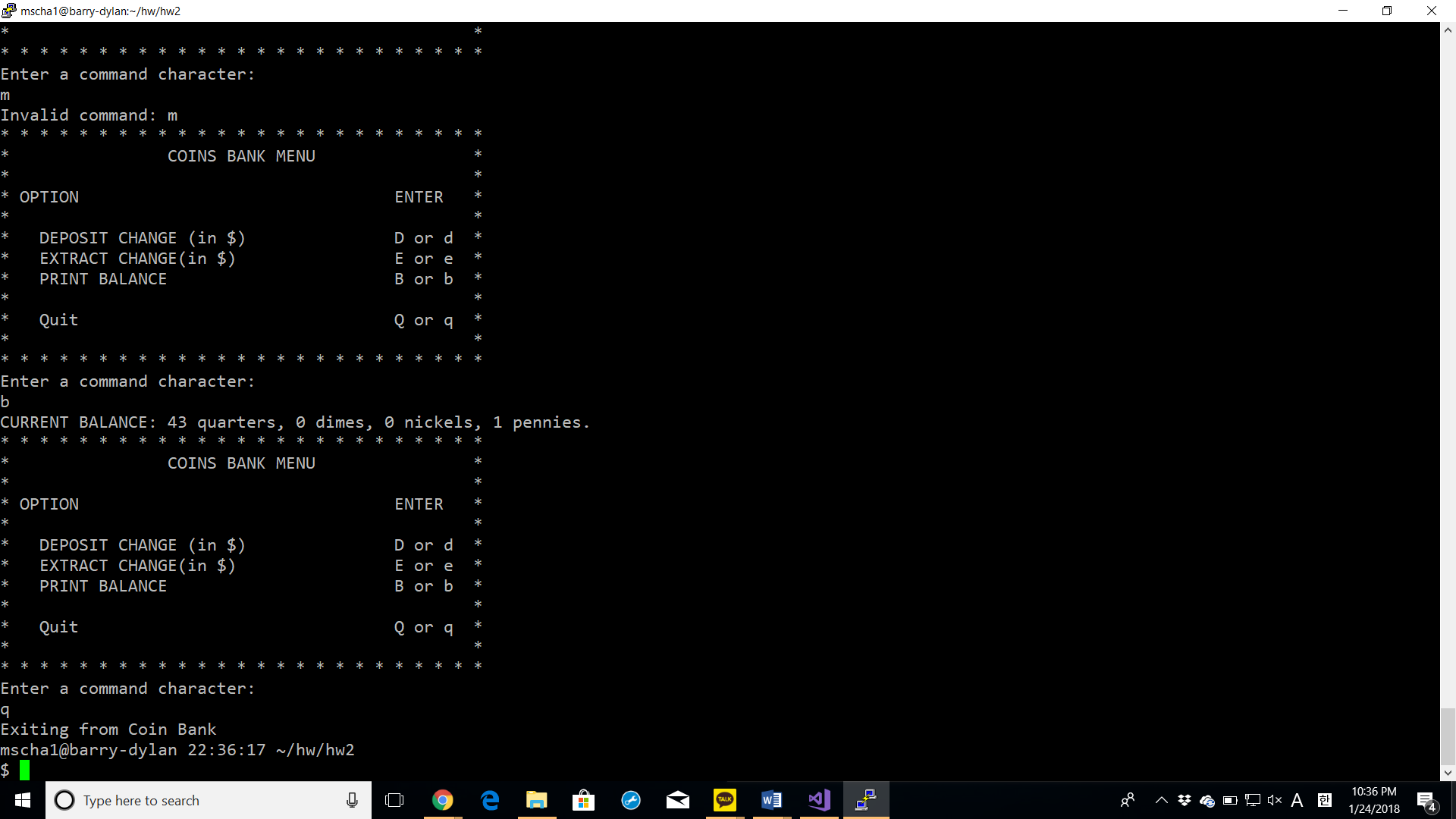
* Deposited $10.76 dollars to the coin bank.
* Unable to extract $15.65 dollars from the coin bank. Error: NOT ENOUGH BALANCE appeared.



* Extracted $5.4 dollars from the coin bank.



* Entered invalid command “m”.



* Displayed current balance “b”
* Exited from the program “q”