The commands implemented:

Buy: to buy an amount of stocks.

Sell: to sell an amount of stocks.

Balance: to view the current/remaining balance.

LIST: to view all existing record

QUIT: to exit the server.

SHUTDOWN: to shut down the server.

Instructions to Compile:

Server:

1. cd Private/

2. cd "filename"

3. $ make clean // please type this command before 'make' command

4. $ make // it will open make file

5. $ Server.py // in Server S is Upper case

Client:

1. cd Private/

2. cd "filename"

3. make clean // please type this command before 'make' command

4. make // it will open make file

5. Python Client 127.0.0.1 // in Client C is Upper case

If the instruction followed correctly. the Server will prompt the following message:

"Connection Established"

Then Client input any of the given command to test it.

Known problems or bugs

When a client input any of the 6 commands, the server responded with the following error message:

“400 invalid command”

Please do not input QUIT command at first, it terminates the client.

The Output at the Clent Side

buy "MSFT"

sell "MSFT"

balance "$100.00"

list

quit

shutdown