

## Program 2 CIS 427

### Introduction:

Program to run a multithreaded server that does stock trading in c++

### How to run:

#### Compiling:

Start with downloading the .zip folder and unzip the folder and put them aside:

// There is no database file because it is created when running the server

- Server.cpp
- Client.cpp
- Makefile.txt
- Sqlite3.c
- Sqlite3.h
- sqlite3.o

Using Bitwise or a similar SSH client connect to umich servers. Once connected transfer all of the 6 files above into the directory in umich server. Make sure all 6 are transferred!

Once transferred you can run a terminal console. Once in the terminal use the commands to navigate to the folder that you put the 6 files in. (EX: cd CIS427) then you can run the following command to compile all the files:

- `make -f Makefile.txt` (or whatever the makefile is named in the directory)

Once you have compiled you can now execute the following commands.

To run the server:

- `./server`

To run the client:

- `./client localhost`
- Or
- `./client 127.0.0.1`

**Login information for the server:**

Once you have connected the client to the server you must type the following command to continue:

LOGIN (USER\_NAME) (PASSWORD)

Listed below are the usernames and passwords that are associated with the server

Username	Password
root	root01
matt	matt01
hashem	hashem01
kyle	kyle01