READ ME

There is a single make file for both server and client.

**make -f make\_TCP\_sqrt**

above command compiles both server and client.

**make -f make\_TCP\_sqrt clean**

above command removes all the object files created.

**cd <directory>**

above command changes the directory where files are present.

This is a TCP client-server program where client sends the number for which the square root has to be found to server. Server calculates the square root for the number and sends back to client.

Client Filename: TCPClient\_sqrt\_HW1.c

Server Filename: TCPServer\_sqrt\_HW1.c

* Open two terminals and change the directory if applicable.
* Run the mentioned make file on both terminals. It compiles both server and client.
* In one terminal type the below mentioned command to start the server.

**./ TCPServer\_sqrt\_HW1**

* After starting the server in one terminal run the client on other terminal. In order to do so run use the below mentioned command along with IP address and number as command line arguments.

**./TCPClient\_sqrt\_HW1 127.0.0.1 <number>**

* Each time start the server first and then run the client as specified.
* At last use the mentioned make clean to remove all object files created.

program is designed to handle the errors in calculating the square root.

Sample screen shot of output: