**Read Me**

The folder consists 2 python file called py\_server.py and py\_client.py

py\_server.py is a server application. To execute it, go to the location where the py\_server.py is located in cmd or terminal. Then execute the command:

***python py\_server.py***

py\_client.py is a client application. To execute it, go to the location where the py\_client.py is located in cmd or terminal. Then execute the command:

***python py\_client.py***

To run client and server applications, run the py\_server.py first, then run py\_client.py in another cmd or terminal. To execute multiple client application, execute py\_client.py multiple times in different cmd or terminals. The server application can handle a max of 5 clients. (can be increased if changes are made in file utils/socket\_handler.py)

Once client application is up, Send Client user name to server. Then click the “Send integer” button to send a number to server.

After server sleeps and returns a response message to a client, the client can send a random number again by clicking “Send integer” button again.

Note:

Clients are distinguished with client name, its ip and port number “client\_name(client\_ip, port\_number)”