

Rishab Das rrd70

1. TEAM DETAILS: I did not have a partner for this project as I joined the class late but was able to complete this project by myself.
2. COLLABORATION: I got my resources from youtube videos introducing python and a few books on python programming and the lecture slides. I did the whole entire project as I did not have a partner.
3. When I did Step 2 of the project I got this which shows that done was done right after the server socket was created and then ran the rest of the program. When it was running again right after the server socket was created and then the client socket was created and then it printed done and proceeded with the rest of the program.

```
rrd70@ilab1:~/CS353$ python3 proj.py
[S]: Server socket created
Done.
[C]: Client socket created
[S]: Server host name is ilab1.cs.rutgers.edu
[S]: Server IP address is 128.6.4.101
[S]: Got a connection request from a client at ('128.6.4.101', 40874)
[C]: Data received from server: Welcome to CS 352!
rrd70@ilab1:~/CS353$ python3 proj.py
[S]: Server socket created
[S]: Server host name is ilab1.cs.rutgers.edu
[C]: Client socket created
Done.
[S]: Server IP address is 128.6.4.101
[S]: Got a connection request from a client at ('128.6.4.101', 40878)
[C]: Data received from server: Welcome to CS 352!
```

4. For step 3 I did get the same messages that are supposed to be printed and once I ran both they worked successful when I ran them in different terminal windows.
5. I encountered difficulties trying to connect the client and server to send messages to each other.
6. I learned a lot of how to use sockets and how to connect client and server which is something that I find very interesting.