

Socket Programming

Note:

We couldn't find any submission instructions, so both group members have submitted the same files for the Socket Programming Assignment. The next section contains Group Member Information.

Group Members

- Brandon Pham:
 - BlazerID: vpham
- Dylan Calvin:
 - BlazerID: dylcal13

Client Output:

```
[dylan@archlinux DC_CS334_SocketProgram]$ python client.py
Got New LISTEN_PORT: 29499
Started new Listener on port: 29499
Received Data from Robot: 0373309187034510468504324027850221201518077780024504461001840077501775
UDP packet 1 sent
UDP packet 2 sent
UDP packet 3 sent
UDP packet 4 sent
UDP packet 5 sent
```

Server Output:

client.py X robot.py

client.py > ...

```
1 import socket
2 import random
3 import time
4
5 #####
6 # Group Members:
7 #   Name: Brandon Pham
8 #   blazerID: vpham
9 #   Name: Dylan Calvin
10 #   blazerID: dylcal13
11 #####
12
13 HOST = "127.0.0.1"
14 LISTEN_PORT = 3310
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
Preparing to receive x...
Get x = 7
Sending UDP packets:
Message to transmit: 0373309187034510468504324027850221201518077780024504461001840077501775
UDP packet 1 sent
UDP packet 2 sent
UDP packet 3 sent
UDP packet 4 sent
UDP packet 5 sent

Receiving UDP packet:
Received: 0373309187034510468504324027850221201518077780024504461001840077501775

The two strings are the same.

C:\Users\vpham\OneDrive - UAB - The University of Alabama at Birmingham\Desktop\CS334\socketP>
```