

To run the server:

this can be any port number available

\$ python3 server.py 65000

To run the client:

the first port number must match the server port number above.

the second port number is for other clients to connect with

client1 is my directory

anything after those port numbers are files that the peer can share with the server

\$ python3 client.py 65000 65050 client1 23 bse

if you do not wish to share files with the server you can run this command:

\$ python3 client.py 65000 65050 client1

You will be prompted what message to send. ("What message would you like to send")

You can send the following messages, by the corresponding number:

2 = File List Request

3 = File Locations Request

4 = Chunk Register Request

6 = End the client

If you want the file list request then run:

2

If you want the file locations request then run:

3

In 3, it will ask what files you are requesting and you can choose from a list. You will respond with a number that the file is assigned to on the left.

If you want the chunk register request then run:

5

In 5, you will be given numbered options for the things that you are requesting. It will be similar to request 3.

If you want to break out of the "What message would you like to send" loop, then run:

6

The program will continue to ask "What message would you like to send" until the loop is broken by the input 6 (above).