

Members:

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run makefile for compilation:

\$make

if that does not work, compile files individually:

gcc -o client client.c

gcc -o server server.c -lpthread

run server(uploading peer) first and then run client(downloading peer) on separate terminals:

1) to run server

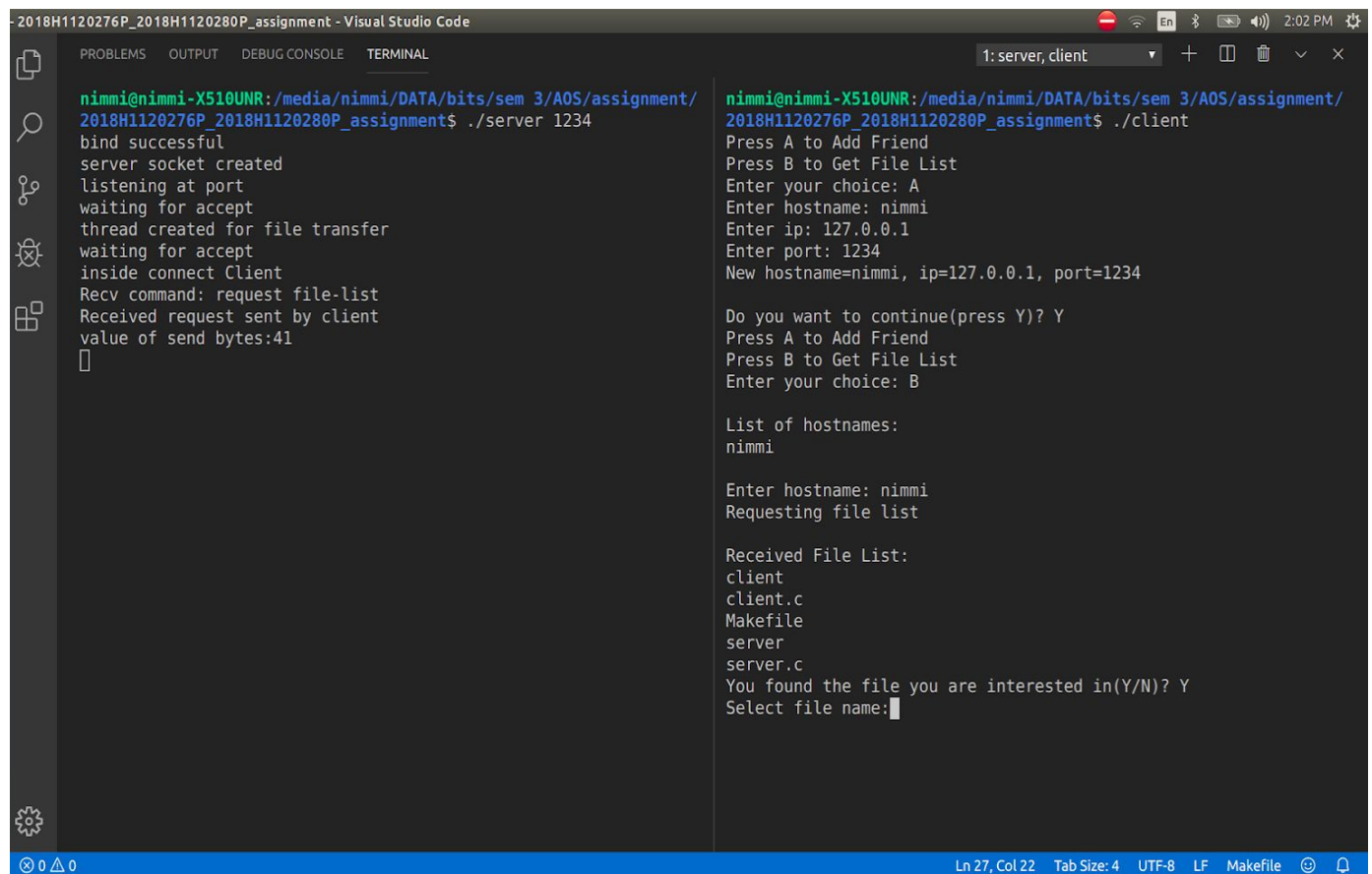
syntax: ./server <port>

\$/server 1234

2) to run client

syntax: ./client

\$/client



```
2018H1120276P_2018H1120280P_assignment - Visual Studio Code
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
1: server, client

nimmi@nimmi-X510UNR:/media/nimmi/DATA/bits/sem 3/AOS/assignment/
2018H1120276P_2018H1120280P_assignment$ ./server 1234
bind successful
server socket created
listening at port
waiting for accept
thread created for file transfer
waiting for accept
inside connect Client
Recv command: request file-list
Received request sent by client
value of send bytes:41
[]

nimmi@nimmi-X510UNR:/media/nimmi/DATA/bits/sem 3/AOS/assignment/
2018H1120276P_2018H1120280P_assignment$ ./client
Press A to Add Friend
Press B to Get File List
Enter your choice: A
Enter hostname: nimmi
Enter ip: 127.0.0.1
Enter port: 1234
New hostname=nimmi, ip=127.0.0.1, port=1234

Do you want to continue(press Y)? Y
Press A to Add Friend
Press B to Get File List
Enter your choice: B

List of hostnames:
nimmi

Enter hostname: nimmi
Requesting file list

Received File List:
client
client.c
Makefile
server
server.c
You found the file you are interested in(Y/N)? Y
Select file name:
```