

Task 2

server and client 1, left and right respectively.

```
anurag-sarva@anurag-sarva-Inspiron-15-5518:~/NS1/Task 2$ python3 server.py
Server is now running!
Accepting connections on port 8880...
Can handle up to 180 simultaneous users

New connection from 192.168.198.111:32780
New user 'Anurag' has joined.
New connection from 192.168.198.99:59012
New user 'Gulshan' has joined.
User 'Anurag' has disconnected.
User 'Gulshan' has disconnected.
^C
Server shutting down...
anurag-sarva@anurag-sarva-Inspiron-15-5518:~/NS1/Task 2$

anurag-sarva@anurag-sarva-Inspiron-15-5518:~/NS1/Task 2$ export P=23
anurag-sarva@anurag-sarva-Inspiron-15-5518:~/NS1/Task 2$ export Q=5
anurag-sarva@anurag-sarva-Inspiron-15-5518:~/NS1/Task 2$ python3 client.py
Getting everything ready...

Successfully connected to main server!

What should we call you?:
Anurag
Name registered successfully.

What would you like to do?
1. See who's online
2. Start a chat with someone
3. Wait for someone to chat
4. Exit program
Choose your option (1-4):
3

Waiting for someone to start a chat...
Ready for chat on port 9990...
Someone joined! Start chatting!
Remember to type 'EOM' when you're finished

[Send]:

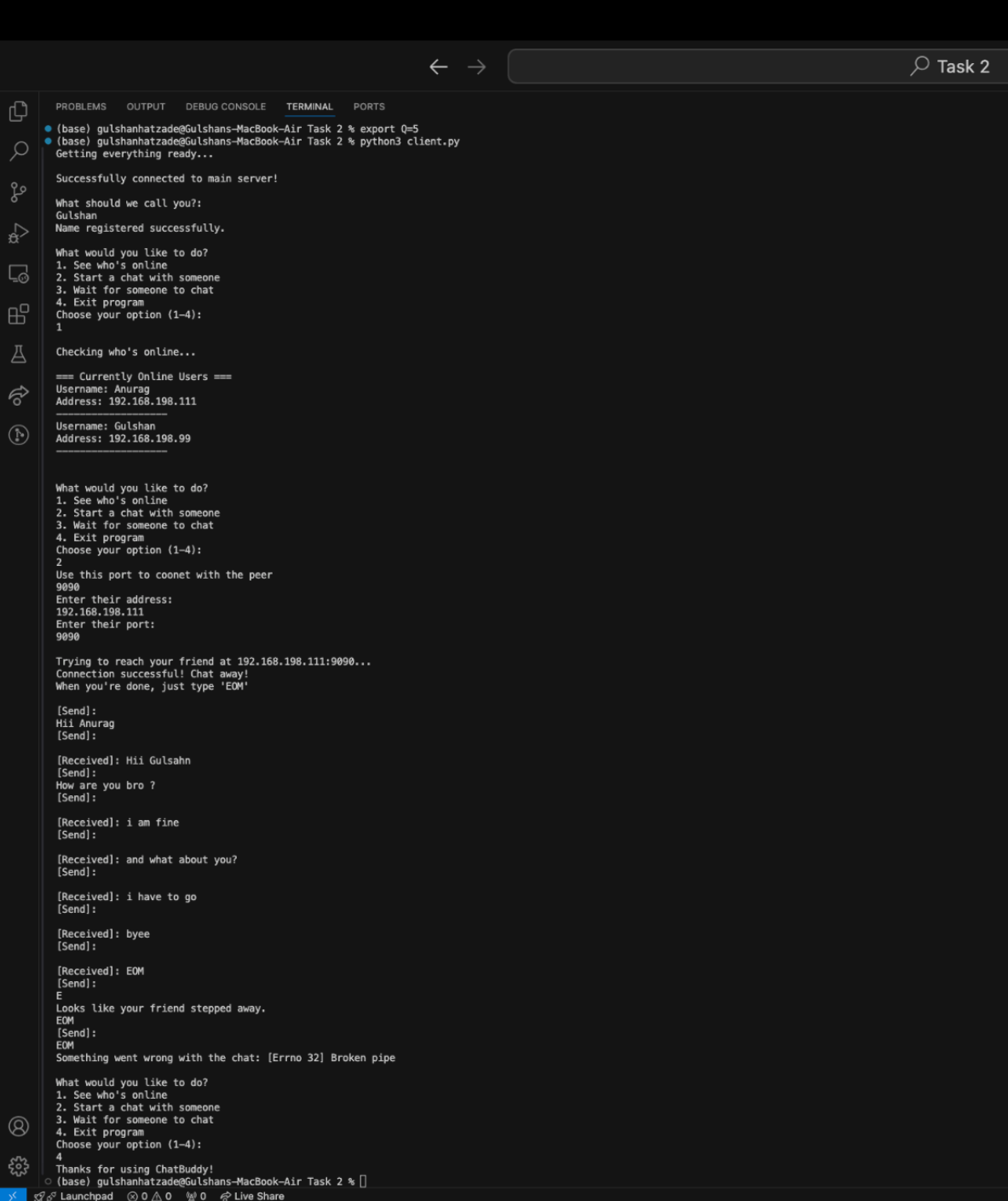
[Received]: Hi! Anurag
[Send]:

[Send]: Hi! Gulshan
[Send]:

[Received]: How are you bro ?
[Send]:
i am fine
[Send]:
and what about you?
[Send]:
i have to go
[Send]:
bye
[Send]:
EOM

What would you like to do?
1. See who's online
2. Start a chat with someone
3. Wait for someone to chat
4. Exit program
Choose your option (1-4):
4
Thanks for using ChatBuddy!
anurag-sarva@anurag-sarva-Inspiron-15-5518:~/NS1/Task 2$
```

Client 2



```
← → Task 2
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
• (base) gulshanhatzade@gulshans-MacBook-Air Task 2 % export Q=5
• (base) gulshanhatzade@gulshans-MacBook-Air Task 2 % python3 client.py
Getting everything ready...

Successfully connected to main server!

What should we call you?:
Gulshan
Name registered successfully.

What would you like to do?
1. See who's online
2. Start a chat with someone
3. Wait for someone to chat
4. Exit program
Choose your option (1-4):
1

Checking who's online...

=== Currently Online Users ===
Username: Anurag
Address: 192.168.198.111

Username: Gulshan
Address: 192.168.198.99

What would you like to do?
1. See who's online
2. Start a chat with someone
3. Wait for someone to chat
4. Exit program
Choose your option (1-4):
2

Use this port to connect with the peer
9090
Enter their address:
192.168.198.111
Enter their port:
9090

Trying to reach your friend at 192.168.198.111:9090...
Connection successful! Chat away!
When you're done, just type 'EOM'

[Send]:
Hi Anurag
[Send]:

[Received]: Hi Gulshan
[Send]:
How are you bro ?
[Send]:

[Received]: i am fine
[Send]:

[Received]: and what about you?
[Send]:

[Received]: i have to go
[Send]:

[Received]: bye
[Send]:

[Received]: EOM
[Send]:
E
Looks like your friend stepped away.
EOM
[Send]:
EOM
Something went wrong with the chat: [Errno 32] Broken pipe

What would you like to do?
1. See who's online
2. Start a chat with someone
3. Wait for someone to chat
4. Exit program
Choose your option (1-4):
4

Thanks for using ChatBuddy!
(base) gulshanhatzade@gulshans-MacBook-Air Task 2 %
```

Launchpad 0 0 0 0 Live Share