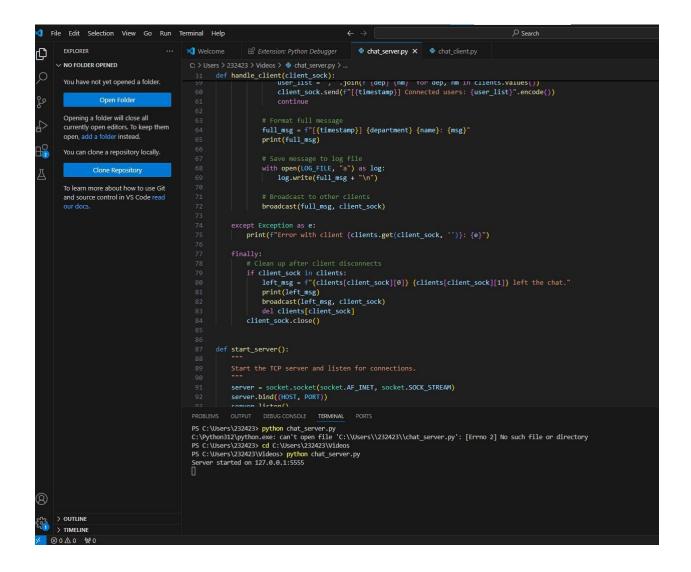
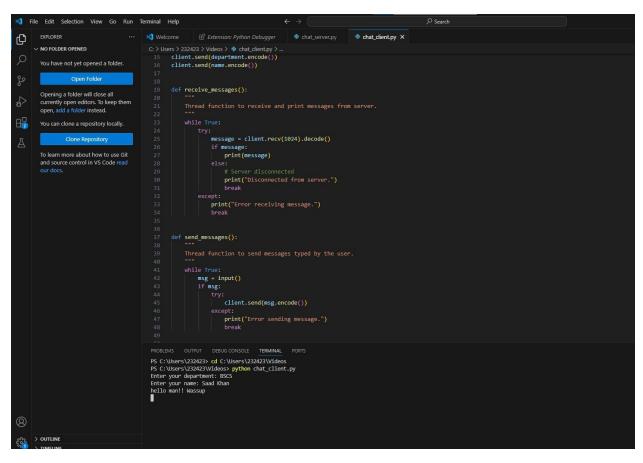
Chat_server.py



Chat_client.py



ON CLIENT FND:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\232423> cd C:\Users\232423\Videos

PS C:\Users\232423\Videos> python chat_client.py

Enter your department: BSCS

Enter your name: Saad Khan

hello man!! Wassup
```

ON SFRVFR FND

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\232423> python chat_server.py
C:\Python312\python.exe: can't open file 'C:\\Users\\232423\\chat_server.py': [Errno 2] No such file or directory
PS C:\Users\232423> cd C:\Users\232423\Videos
PS C:\Users\232423\Videos> python chat_server.py
Server started on 127.0.0.1:5555
New connection from ('127.0.0.1', 56967)
BSCSSaad Khan hello man!! Wassup joined the chat.
```

USER CONNECTED /LIST:

```
PS C:\Users\232423> cd C:\Users\232423\Videos
PS C:\Users\232423\Videos> python chat_client.py
Enter your department: BSCS
Enter your name: Saad Khan
hello man!! Wassup
/list
[2025-07-01 23:24:02] Connected users: BSCSSaad Khan hello man!! Wassup
```

AFTER CTRL+C LEFT THE CHAT

```
New connection from ('127.0.0.1', 56967)
BSCSSaad Khan hello man!! Wassup joined the chat.
Error with client ('BSCSSaad Khan', 'hello man!! Wassup left the chat.
```

ON CLIENT END:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\232423> cd C:\Users\232423\Videos
PS C:\Users\232423\Videos> python chat_client.py
>>
Enter your department: Finance
Enter your name: Khan Saad
hello
```

ON SERVER END

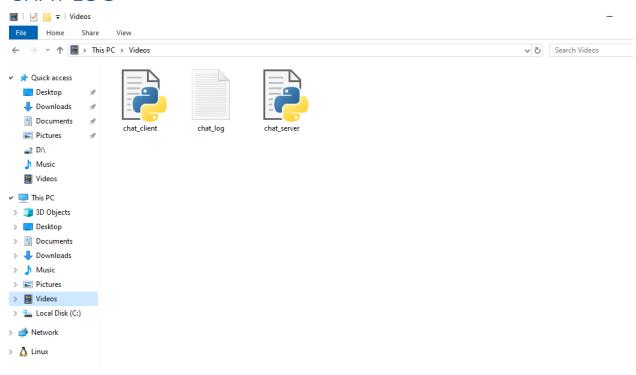
USER CONNECTED / LIST:

```
hello
/list
[2025-07-01 23:26:55] Connected users: FinanceKhan Saad hello
```

AFTER CTRL+C LEFT THE CHAT

New connection from ('127.0.0.1', 57100)
FinanceKhan Saad hello joined the chat.
Error with client ('FinanceKhan Saad', 'hello'): [WinError 10054] An existing connection was forcibly closed by the remote host FinanceKhan Saad hello left the chat.

CHAT LOG



```
New connection from ('127.0.0.1', 57241)
saad khanfinance hi joined the chat.
[2025-07-01 23:39:08] saad khanfinance hi: hello
[2025-07-01 23:48:06] saad khanfinance hi: wassup
[2025-07-01 23:48:10] saad khanfinance hi: i am eating dinnere
[2025-07-01 23:48:14] saad khanfinance hi: what are u doing
```

```
The fall format View Help
[2025-97-01.23:48:06] sand khanfinance hi: wassup
[2025-97-01.23:48:06] sand khanfinance hi: massup
[2025-97-01.23:48:01] sand khanfinance hi: massup
[2025-97-01.23:48:14] sand khanfinance hi: what are u doing
```