

Project folder named “shetty_vns2826.zip” includes:

1. Server folder
 - a. server.py (Contains server code)
2. Client folder
 - a. client1.py (Contains client1 code)
 - b. client2.py (Contains client2 code)
 - c. client3.py (Contains client3 code)
3. Writeup

How to run the program:

Run command prompt and go to the directory where server.py, client1.py, client2.py and client3.py are located.

Run each file separately

After changing the directory, run the following commands:

1. python server.py
2. python client1.py
3. python client2.py
4. python client3.py

After running each file a GUI window opens.

Follow the instructions given on it.

References:

Code reference:

<https://medium.com/swlh/lets-write-a-chat-app-in-python-f6783a9ac170>

<https://towardsdatascience.com/understanding-lamport-timestamps-with-pythons-multiprocessing-library-12a6427881c6>

<https://stackoverflow.com/questions/42599733/how-can-i-print-every-minute-using-datetime-with-python>

Tkinter: <https://docs.python.org/3/library/tk.html>

HTTP encoding: <http://www.jmarshall.com/easy/http/>