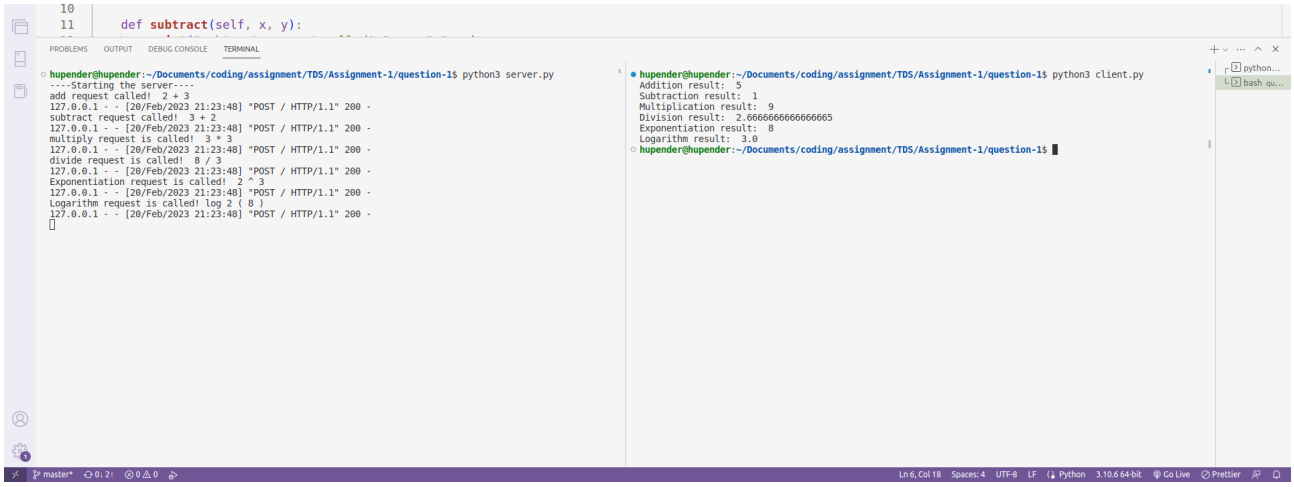
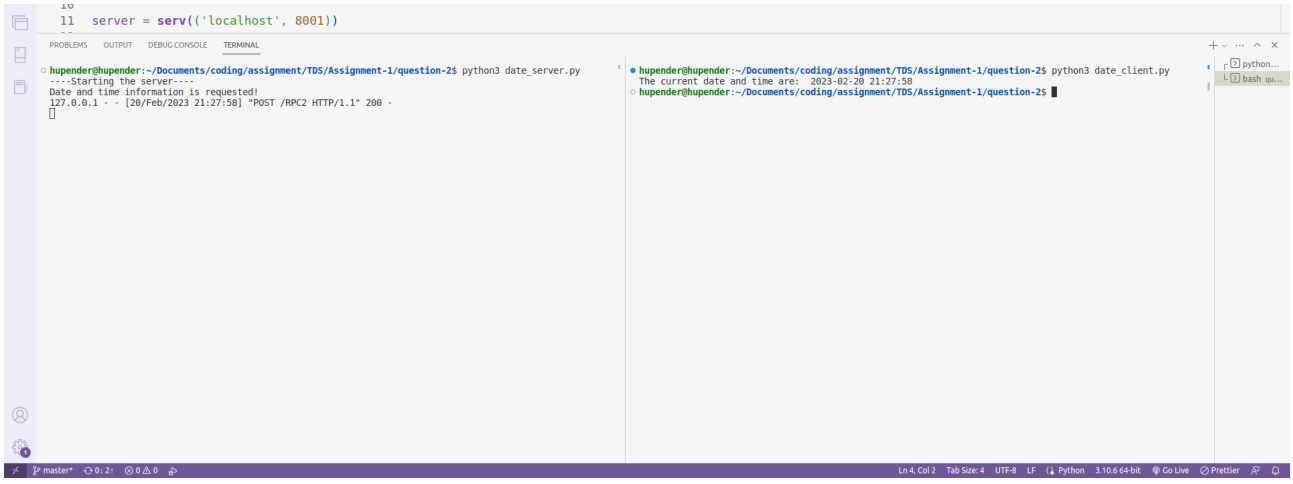
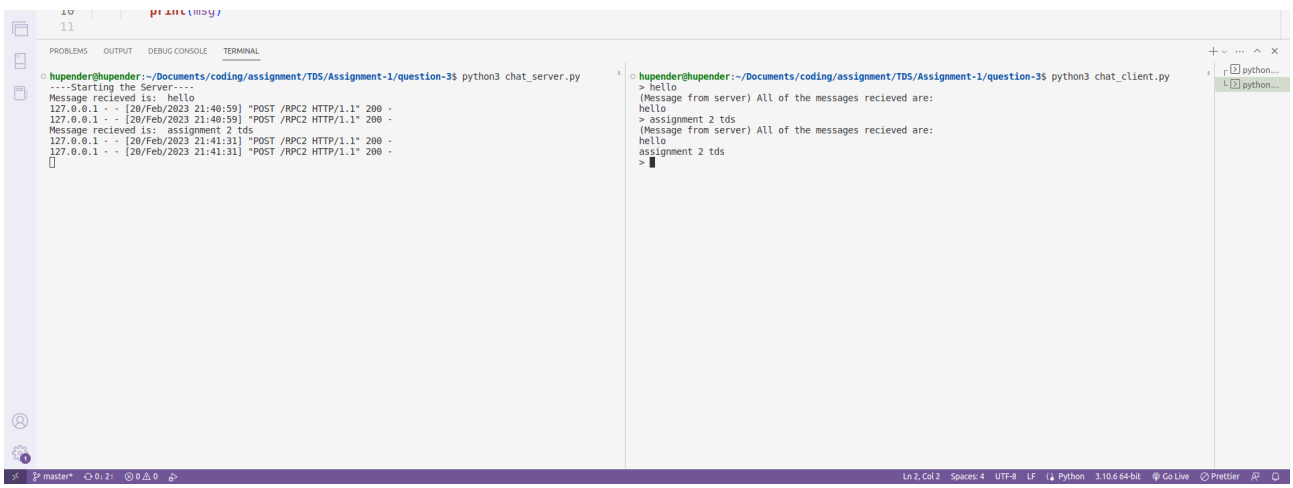
Q1


def subtract(self, x, y):
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
hupender@hupender:~/Documents/coding/assignment/TDS/Assignment-1/question-1$ python3 server.py
----Starting the server----
add request called! 2 + 3
127.0.0.1 - - [20/Feb/2023 21:23:48] "POST / HTTP/1.1" 200 -
subtract request called! 3 + 2
127.0.0.1 - - [20/Feb/2023 21:23:48] "POST / HTTP/1.1" 200 -
multiply request is called! 3 * 3
127.0.0.1 - - [20/Feb/2023 21:23:48] "POST / HTTP/1.1" 200 -
divide request is called! 8 / 3
127.0.0.1 - - [20/Feb/2023 21:23:48] "POST / HTTP/1.1" 200 -
Exponentiation request is called! 2 ^ 3
127.0.0.1 - - [20/Feb/2023 21:23:48] "POST / HTTP/1.1" 200 -
Logarithm request is called! log 2 (8)
127.0.0.1 - - [20/Feb/2023 21:23:48] "POST / HTTP/1.1" 200 -
hupender@hupender:~/Documents/coding/assignment/TDS/Assignment-1/question-1$ python3 client.py
Addition result: 5
Subtraction result: 1
Multiplication result: 9
Division result: 2.6666666666666665
Exponentiation result: 8
Logarithm result: 3.0
hupender@hupender:~/Documents/coding/assignment/TDS/Assignment-1/question-1$

Q2


server = serv(('localhost', 8001))
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
hupender@hupender:~/Documents/coding/assignment/TDS/Assignment-1/question-2$ python3 date_server.py
----Starting the server----
Date and time information is requested!
127.0.0.1 - - [20/Feb/2023 21:27:58] "POST /RPC2 HTTP/1.1" 200 -
hupender@hupender:~/Documents/coding/assignment/TDS/Assignment-1/question-2$ python3 date_client.py
The current date and time are: 2023-02-20 21:27:58
hupender@hupender:~/Documents/coding/assignment/TDS/Assignment-1/question-2$

Q3


print(msg)
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
hupender@hupender:~/Documents/coding/assignment/TDS/Assignment-1/question-3$ python3 chat_server.py
----Starting the Server----
Message recieved is: hello
127.0.0.1 - - [20/Feb/2023 21:40:59] "POST /RPC2 HTTP/1.1" 200 -
127.0.0.1 - - [20/Feb/2023 21:40:59] "POST /RPC2 HTTP/1.1" 200 -
Message recieved is: assignment 2 tds
127.0.0.1 - - [20/Feb/2023 21:41:31] "POST /RPC2 HTTP/1.1" 200 -
127.0.0.1 - - [20/Feb/2023 21:41:31] "POST /RPC2 HTTP/1.1" 200 -
hupender@hupender:~/Documents/coding/assignment/TDS/Assignment-1/question-3$ python3 chat_client.py
> hello
(Message from server) All of the messages recieved are:
hello
> assignment 2 tds
(Message from server) All of the messages recieved are:
hello
assignment 2 tds
>