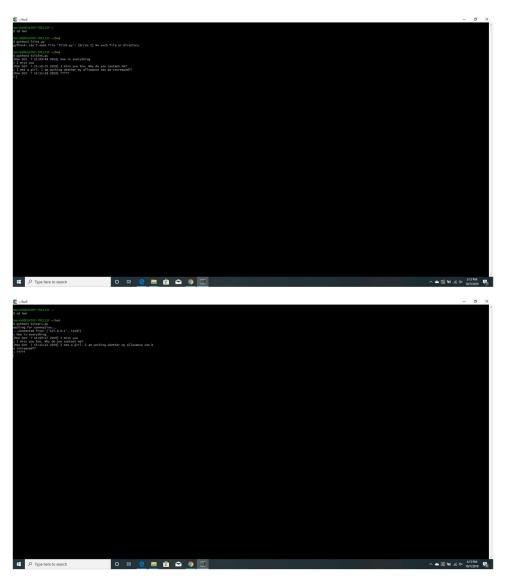
#### **WEEK 5:-**

## Q-2)

### **Execution Result:-**



# TsClient.py:-

#!/usr/bin/env python

from socket import \*

from time import ctime

```
HOST = 'localhost'
PORT = 21567
BUFSIZ = 1024
ADDR = (HOST, PORT)
tcpCliSock = socket(AF_INET, SOCK_STREAM)
tcpCliSock.connect(ADDR)
while True:
  data1 = tcpCliSock.recv(BUFSIZ).decode()
  if not data1:
    break
  print (data1)
  data = input('>')
  if not data:
    break
  tcpCliSock.send(('[%s] %s' % (ctime(), data)).encode())
tcpCliSock.close()
TsServer.py:-
#!/usr/bin/env python
from socket import *
```

### from time import ctime

```
HOST = "
PORT = 21567
BUFSIZ = 1024
ADDR = (HOST, PORT)
tcpSerSock = socket(AF_INET, SOCK_STREAM)
tcpSerSock.bind(ADDR)
tcpSerSock.listen(5)
while True:
  print ('waiting for connection...')
  tcpCliSock, addr = tcpSerSock.accept()
  print ('...connected from:', addr)
  while True:
    data = input('>')
    if not data:
      break
    tcpCliSock.send(('[%s] %s' % (ctime(), data)).encode())
    data1 = tcpCliSock.recv(BUFSIZ).decode()
    if not data1:
      break
```

print (data1)

tcpCliSock.close()

tcpSerSock.close()