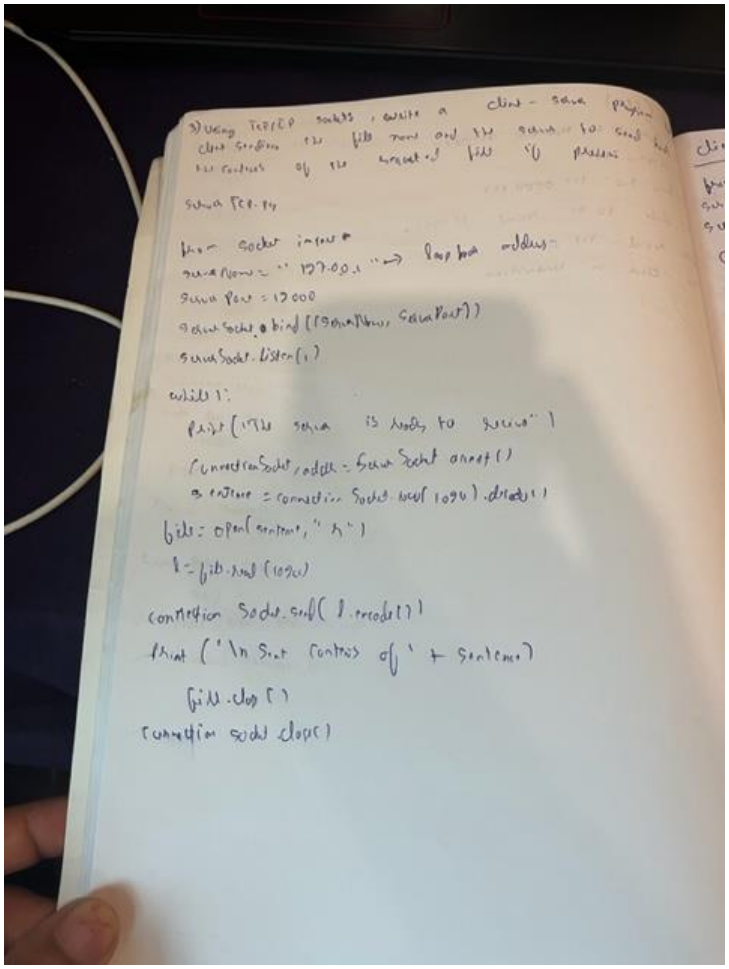
Cycle II

LAB 15:

Aim : Using TCP/IP sockets, write a client-server program to make client sending the file name and the server to send back the contents of the requested file if present.



clientTCP.py

```
from socket import *
serverName = '127.0.0.1'
serverPort = 12000
clientSocket = socket(AF_INET, SOCK_STREAM)
clientSocket.connect((serverName, serverPort))
sentence = input("\n Enter file name :")
clientSocket.send(sentence.encode())
filecontents = clientSocket.recv(1024).decode()
print('\nFrom server:\n')
print(filecontents)
clientSocket.close()
```

Procedure:

- Create a IDLE ... and write client and server files
- Run server first and then the client

Output:

Server Instance

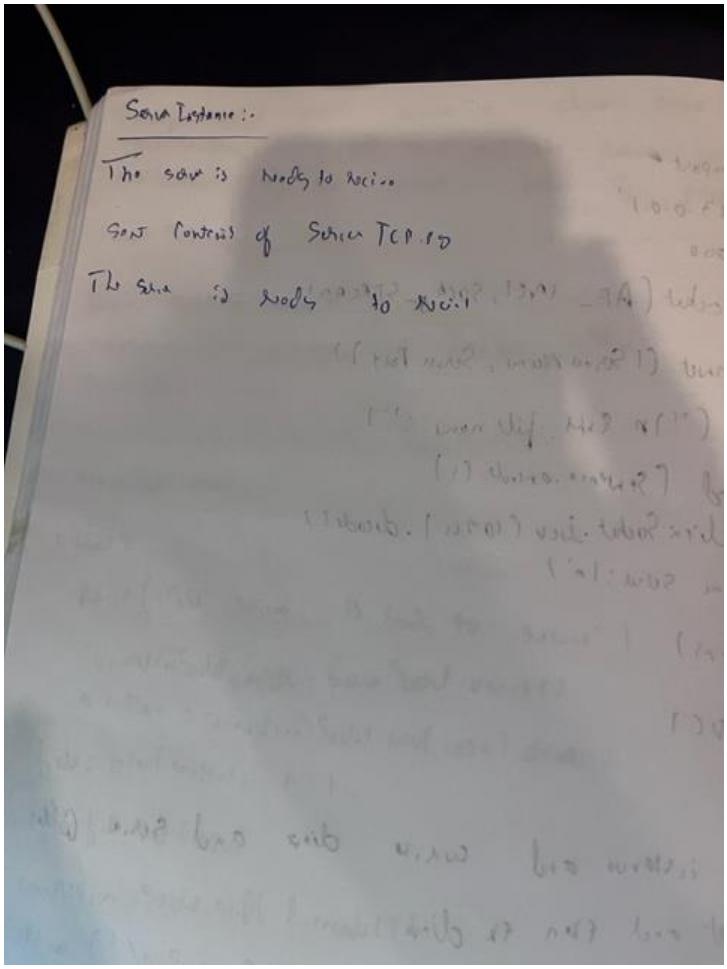
The server is ready to receive

Client Instance:

Enter file Name : serverTCP.py

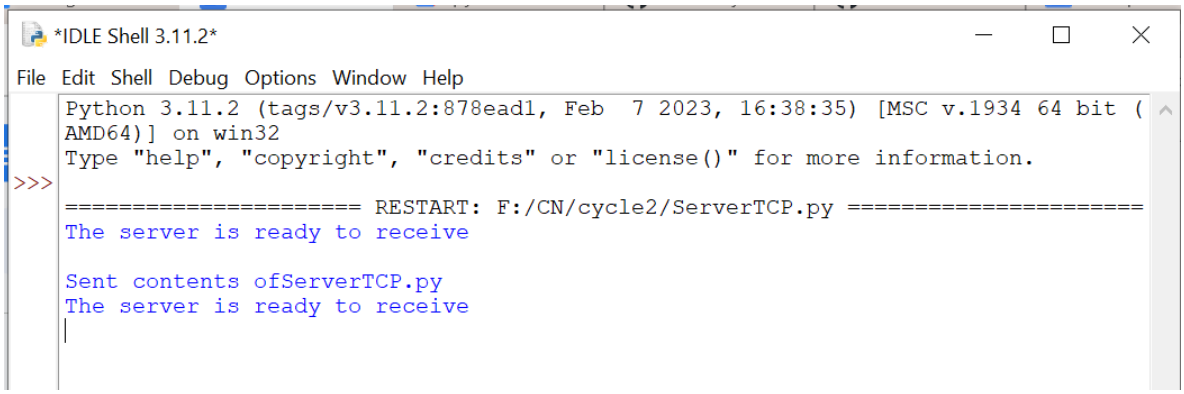
From Server:

the content of serverTCP.py is displayed here


Server Instance :-
The server is ready to receive
Sent contents of Server TCP.py
The server is ready to receive

Output :

Server instance:



Client instance: