## WEEK15

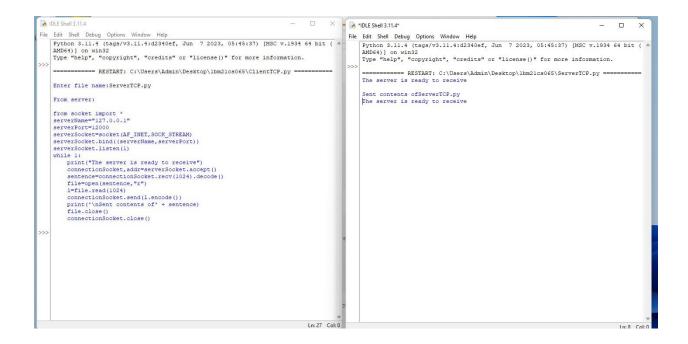
Using TCP/IP sockets, write a client-server program to make client sending the file name and the server to send back the contents of the requested file if present.

## CODE:

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

```
ServerTCP.py from socket import *
serverName="127.0.0.1" serverPort = 12000
serverSocket = socket(AF_INET,SOCK_STREAM)
serverSocket.bind((serverName,serverPort))
serverSocket.listen(1) while 1:
print ("The server is ready to receive")
connectionSocket, addr = serverSocket.accept()
sentence = connectionSocket.recv(1024).decode()
file=open(sentence,"r") l=file.read(1024)
connectionSocket.send(l.encode()) print ("\nSent
contents of " + sentence)
file.close() connectionSocket.close()
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## **OUTPUT**:



## **OBSERVATION:**

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