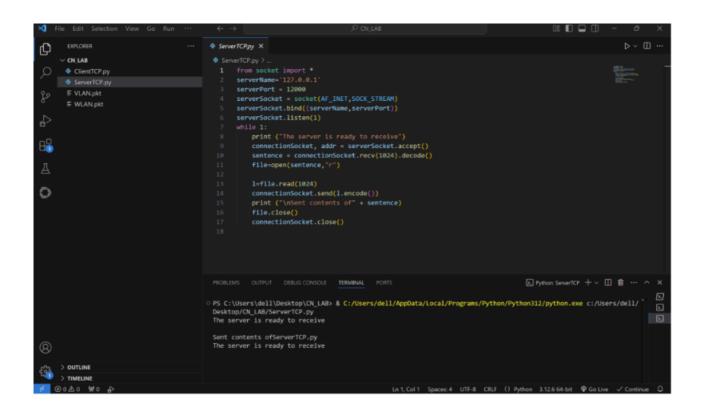
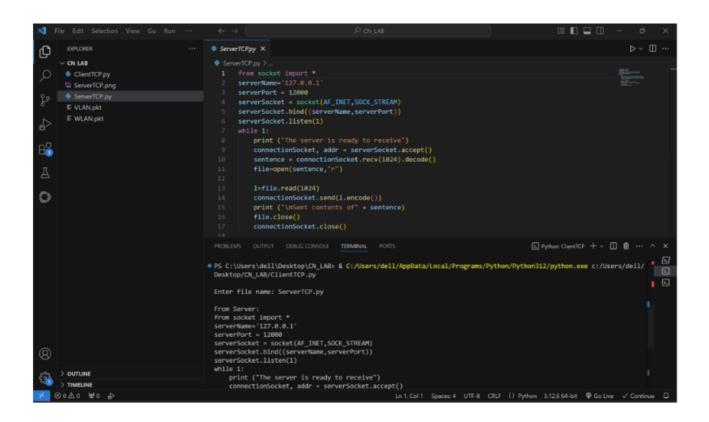
## **Program 3**

Aim of the program:

Using TCP/IP sockets, write a client-server program to make the 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()
```





## Observation:

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	Using (TCP/IP society conte a client rserver program to
	make client sending the file named the server no
	send back the contents of the request field present.
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	ennection from (1/2+.0.0.031,63844) of 1000132 Enter the filename: filenamentate +10900003 From server: Hetlo Abortal
	client Socket. (conjust Elserver Manus Server Port))  sentence = input ("softer for paper");