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TCP   LAB-10

server.py

```
from socket import *
serverName = '127.0.0.1'
serverPort = 12001
serverSocket = socket(AF_INET, SOCK_STREAM)
serverSocket.bind((serverName, serverPort))
serverSocket.listen(1)
print("The server is ready to recieve")
while 1:
    connectionSocket, addr = serverSocket.accept()
    sentence = connectionSocket.recv(1024).decode()
    file = open(sentence, "r")
    l = file.read(1024)
    connectionSocket.send(l.encode())
    file.close()
    connectionSocket.close()
```

client.py

```
from socket import *
serverName = '127.0.0.1'
serverPort = 12001
clientSocket = socket(AF_INET, SOCK_STREAM)
clientSocket.connect((serverName, serverPort))
sentence = input("Enter file name")
```

```
clientSocket.send(sentence.encode())
filecontents = clientSocket.recv(1024).decode()
print('from server:', filecontents)
clientSocket.close()
```