

## TCP

server.py

```
from socket import *
server Name = '127.0.0.1'
server Port = 12001
server Socket = Socket ( AF_INET, SOCK_STREAM )
server.Socket.bind ( (server Name, server Port) )
server Socket.listen(1)
print (" The server is ready to receive ")
while 1:
    connectionSocket, addr = server.Socket.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 ( (server Name, server Port) )
Sentence = input ("Enter file name")
clientSocket.send (Sentence.encode())
file.contents = ClientSocket.recv(1024).decode()
print ('From server:', file contents)
clientSocket.close()
```