

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

clientTCP.py:-

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

serverTCP.py:-

```
from socket import *
sName = '127.0.0.1'
sPort = 12000
sock = socket(AF_INET, SOCK_STREAM)
sock.bind((sName, sPort))
sock.listen(1)
while 1:
    print("ready to receive")
    cSock, addr = sock.accept()
```

```
msg = csock.recv(1024).decode()
file = open(msg, "r")
l = file.read(1024)
csock.send(l.encode())
print('In Sent contents of ' + msg)
file.close()
csock.close()
```