**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.**

**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()**

**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()**



