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1BM19CS401

01 Tcp/IP Socket Pgm

Server.py:

```
ServerName = "127.0.0.1"
ServerPort = 12000

ServerSocket = Socket (AF_INET, SOCK_STREAM)
Server socket. bnd (( serverName, serverPort))
Serversocket. lulen (1)
print ("Server is up & ready to receive the
              request from the client: ").
```

```
while 1:
    Connection socket, addr = Server Socket. accept();
    sentence = Connection Socket . recv (1024) .decode()
    fel: = Open (sentence, "r")
    R = file. read (1024)
    Connection Socket . Send (R . encode())
        fel. close()

        Connection Socket. close()
```

→ **Client. Py**

```
from Socket. import *
Server Port = 12000
Client Socket = socket (AF_INET, Sock STREAM
```

```
clientsocket.connect(("127.0.0.1",
serverPort))
sentence = input("Enter the filename c:")
clientsocket.send(sentence.encode())
file Contents = clientsocket.recv(1024).decode()
print("from server:" file contents)
clientsocket.close()
```