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Sashona L

1BM18CS089

classmate

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UDP

Server.py

```
from socket import *
ServerPort = 12000
ServerSocket = socket(AF_INET, SOCK_DGRAM)
ServerSocket.bind(("127.0.0.1", ServerPort))
print("The server is ready to receive")
while 1:
    Sentence, clientAddress = ServerSocket.recvfrom(2048)
    file = open(Sentence, "r")
    l = file.read(2048)
    ServerSocket.sendto(bytes(l, "utf-8"), clientAddress)
    print("sent back to client", l)
file.close()
```

client.py

```
from socket import *
ServerName = "127.0.0.1"
ServerPort = 12000
clientSocket = socket(AF_INET, SOCK_DGRAM)
sentence = input("Enter file name: ")
clientSocket.sendto(bytes(sentence, "utf-8"),
                    (ServerName, ServerPort))
filecontents, serverAddress = clientSocket.recvfrom(2048)
print("From Server: ", filecontents.decode())
clientSocket.close()
```