

UDP

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u 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()
```

```
u 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()
print("From Server: ", filecontents)
ClientSocket.close()
```