

Server.py

```
from socket import *
ServerName = "127-0-0-1"
Serverport = 12000

ServerSocket = Socket(AF_INET, SOCK_DGRAM)
ServerSocket.bind((ServerName, 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("send back to client")
    file.close()
```

## UDP

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)
```

```
clientSocket.close()
```