

## ClientUDP

```
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("In Reply from Server: ")
print(filecontents.decode("utf-8"))

clientSocket.close()
```

## ServerUDP

```
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)
    sentence = sentence.decode("utf-8")
    file = open(sentence, "r")
    data = file.read(2048)
    serverSocket.sendto(bytes(data, "utf-8"), clientAddress)
    print("In Sent contents of: ", end=" ")
    print(sentence)
    file.close()
```