

Lab 10.B

UDP

uServer.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.  
        recvrecvfrom(2048)  
    file = open(sentence, "r")  
    l = file.read(2048)  
    serverSocket.sendto(bytes(l, "utf-8"),  
        clientAddress)  
    print("send 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()
```