IBM19CS403
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Sec 'A'

UDP

Client programm

```
from socket import *

Server Name  = "117.0.0.1"
Server Port  = 12000

clientSocket = socket (AF_INET, SOCK_DGRAM)


Sentence = input ("Enter file name")
clientSocket. Sendto( bytes (Sentence, 'utf-8"), (ServerName,
    Server Port)
file contentes, serverAddress = clientSocket. rec form (2048)
print ('Form  Server', file contents)

clientSocket .close()
```

Server Programm

```
from socket import *

ServerName = "127.0.0.1"
Server Port = 12000

serverSocket = socket (AF_INET, SOCK_DGRAM)
serverSocket. bind (serverName, Server Port)

print ("The server is ready to receive")
while 1:
```

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```
sentence, clientAddress = serverSocket.recvfrom(2048)
file = open(sentence, "r")
l = file.read(2048)
serverSocket.sendto(bytes(l, "utf-8"), clientAddress)
    print("send back to cliet")

file.close()
```