UDP

2	Lint:
	rom Soctet import *
8	ever Norme = "127.0.0.1"
2	ever Port = 12000
	lient Socket = Sock (AF-INET, Sock-DGRAM)
S	entence = input (" Enterfile nonne: ")
(lient Socret. Sendto Cayter (Senfence, "Utf-8")
	lile contents, Server Addrecs = Client socket.
-	recufrom (a048)
_	sint Reply from Server)
	Deint (file Contente, decode ("Uty-8"))
	client Socket. Close ()
	Client Socket. Close ()
	Suver:
-	rom Socket import *
	SequesPort = 12000
	Sequer Soctet = Soctet (Af-1007, 800k-DGRM)
	Server Socret. bind (("127.0.0.1", Server Port)
1	sunt (" leady to leveive")
	vlile 1:
	Sentence = Servessikot. rea from (2048)
-	Sentence = Sendence decode ("utf-8")
-	file = Open (sentênce, "x")
and the same of th	d=file. read (2048)
	Server Socket - Send to (c, "utj-8"), (lient Add)
4	sunt (Contents Sent) print (Sentence)
	ile. close().
1	

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output: 4/8/4/2	
Sever:	
The Server is ready to receive.	
Sent Condends of Server by.	
The Server is ready to receive. Sent Condends of Server by: The server is ready to receive.	
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(28031bx37 30484) (410 to 2010 C/2 /410 J) at the 2 to 402 2022	
- Chon M	

```
From Server:
from socket import *
serverName="127.0.0.1"
serverPort = 12000
serverSocket = socket(AF INET, SOCK STREAM)
serverSocket.bind((serverName, serverPort))
serverSocket.listen(1)
while 1:
    print ("The server is ready to receive")
    connectionSocket, addr - serverSocket.accept()
    sentence - connectionSocket.recv(1024).decode()
    file-open (sentence, "r")
    l=file.read(1024)
    connectionSocket.send(1.encode())
    print ('\nSent contents of ' + sentence)
    file.close()
    connectionSocket.close()
```

Enter file name: ServerTCP.py

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