

ab (* 11/2021 belognide man 2 marking

dim: Using T CP/IP sockets, write a client - server program to make client - server program to make client server program to make client server the file name and the server to send back continus of file. Solution.

dient TCP. Py almo troam? though

from socket import * server Name = 127.0.0.1.

server Port = 12000

clientSocket= socket (AF_INET, SOCK_STREAM)
clientSocket connect((server Name, server Port))
sentence = infut ("(n Enter file mame: "))

clientsocket. send (sentence. encode ())

filecontents - chientSocket. secv (1024) . decodo ()

print (la from server: \n')

print (filecontents)

clientSocket.close ()

Server TCP. pyrisar. at whater is a season with

Server Name = " 127.0.0.1"

Server Port = 12000

scher socket = socket (AF_INET, SOCK_STREAM)

server Socket. listen (1).

while 1:

printfer the server is ready to recieve").

	connection & connection & ochet. Secu(10)
	sentence = connection socket. Secv(102
	file = open (sentence,"x")
4	the letter than the state of the state of
1 6	h = file. read (1024)
	connection Socket. send (l. encode ())
	print("In Sent contents of '+ screen
	file.close()
	connection Socket-clase ()
	11.00 roll - smortemen
	Output:
	Server Side : 02 TTIAT TA VIOLEN STANDARDE
	The server is seedy to recieve
	Client side: A small a 1997 had a small of
	Enter file name: Server Tcl. py
	From Server:
	from socket impart:
-	server side The code above of Server TCP py is printed
	The yerrer is ready to recieve
	() seals to want with
	Sent conferts of Server TCP. py
	The yesper is vready to recieve
	* trading tallage mad
	1 1300 5011 = pm all assess
	31/8
911	2 1502 TTUT TAY TAY TOURS = TOU OF ET 832
	(a) still to the 2 Bruss
	and and the state of the state

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*IDLE Shell 3.11.2*
File Edit Shell Debug Options Window Help
   Python 3.11.2 (tags/v3.11.2:878ead1, Feb 7 2023, 16:38:35) [MSC v.1934 64 bit (
   AMD64) 1 on win32
   Type "help", "copyright", "credits" or "license()" for more information.
       ======== RESTART: F:/CN/cycle2/ServerTCP.py =======
   The server is ready to receive
   Sent contents of ServerTCP.py
   The server is ready to receive
```

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iDLF Shell 3.11.2
File Edit Shell Debug Options Window Help
   Python 3.11.2 (tags/v3.11.2:878ead1, Feb 7 2023, 16:38:35) [MSC v.1934 64 bit (
   AMD64)1 on win32
   Type "help", "copyright", "credits" or "license()" for more information.
   Enter the file name: ServerTCP.py
   From sever:
   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()
```