11. TCP socket



a) Using TCP/IP sockets, write a client server program to make client sending file name and server to send back the contents -> A server has find () method which binds specific IP and it can listen to incomeing requests. -> Passing an empty string means that the server can listen to incoming connections from other computer as well. -> Server is in listening mode. -> At last, we make a while loop and start to accept all incoming connections and close those connections Client. Py from socket impost x Server Name = 127, 0.0.1 server Post = 12000 client Socket = Socket (AF_INET, SOCK_STREAM) client Socket. connect ((server Name, Server Post)) Sentance = input (" In Enter file Name: ") client socket. send (sontance. ch coder) filerontents = client socket. recv (1024). decode() Print (In From Server : 1 n??) point (file Contents) client Socket. close()



_	Server. PY Comment of the server of the serv
	in the daily
	from socket import *
	ServerName = = 127.0.0.1.
	serven. Post = 12,000 Titas Town of Saisa
	senven Socket = Socket (AF_INET, SOCK=STREAM)
	server Socket bind (server Name, server Post)
	serversocketolister(1)
	while(1)
	point (ee The server is ready to receive?)
	connection Socket, add = server socket, accept ()
	sentance = connection Socket. recv (1024).decodel)
	f?le=open(sentance, ex ")
	1=file.xead(1024)
	connection socket send (Cencode)
	print (In Sent contents of + sentance)
-	frle.close()
	connection Socket . close()
	. 4 4
	Output
	Fox Server.py
	Server is Ready to Reclive
	sara s hereg to receive
	For Client, py
	Enter Filo name: Server TCP. py
	From Server:
	connection socket, adds = serven Socket. accept ()
	sentance - connection Socket recy (1024). decode()



file = open (serdance, ee x ??)
t - folo nord (1024)
the frequent to do to
connection Socket. Gend (b. encode ())
print ('In Sent contents of + sentance)
(MAPPLE Close C) 3MI 3A) Todas stolisticolor
connection Socket. close()
110 Notes to 1 not appeared.
Cirolina.
18 31 9000 of LESE OF HONES ON TOO TRING
Compared to the second warrant with a took and and doing again
Floor is less formed noite amor - a mention
file: open/sentince= (8 39)
(PED) / BUX - DIZ + - 1
(Ochor noe) buse to Not a colot common
(populties + 1 to shorting that wis) thing
(15.015.017)
ile ble tolen miteral
to get a
61, 438 10 8-1
and the state of the state of the state of
Fee Mesting
Eith File Hame I waver Tory
140012 North
type toll a comment to the constitution
Licharch Landia mitchian har a sugar