Expt. 15 - 21/12/2024

Date / 1201	
SAP MICENEO	Date / [201
1) Espt. 15:	desterne = connections what new (1004) - decode ()
unte a client-renu	Justin Contraction
Aim very replie excelled ending the file name is the program to make closed ending the file name is the	file = open (sentence, "5")
program to make client arrange of requested the	l= (de-read(iora)
derver to dere bour	innulan Social send(Leviode)
	prove (sent contents of rectance")
Clark Ter by from right import *	(ennation graphet - close ()
from tracket imperior der year name = 123.0.0.1	Connection gapet - close ()
1.4 - 12000	
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clantocket = accel ((somer name, denerport))	The arver is ready to recience
Entrace = inhat (In Enter (ile name)	cent contents of server TCP.py & Server side
Client tocket send (unterme encoded)	The server is ready to receive
filecartents: clientropet-son (1024). decade ()	The second of th
Brint ("In File Server: In")	Enter file name: Server TCP. by } client side
print (filecontents)	Reply from server
client socket-close ()	- And Course assess
Server TCP. py	
from soutet import &	
down Namo = "127.0.0.1"	
downfort = 12000	
duren Socket = docket (AP-INET, SOCK - STREAM)	
Server Sochet-bird (Edmondame. Server Port)	and the same of th
derver Socket. listenti)	(morning and comment of the analysis
- white 1:	The state of the s
point!" The Server is mady to receive")	
Connection Sakol add = seversocket. accept ()	IS JNANA SWEEKAR
3 JNANA SWEEKAR	800000
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	III James () () () () () () () () () (

Code:

ServerTCP.py 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("\n Sent contents of"+sentence) file.close() connectionSocket.close() ClientTCP.py from socket import * serverName='127.0.0.1' serverPort=12000 clientSocket=socket(AF INET,SOCK STREAM) clientSocket.connect((serverName,serverPort)) sentence=input("\n Enter file name :")

clientSocket.send(sentence.encode())

print("\n From Server: \n")

filecontents=clientSocket.recv(1024).decode()

print(filecontents)
clientSocket.close()

Output:

```
    ServerTCP.py X
    ClientTCP.py

 ServerTCP.py > ...
1 From socket import *
            serverNane="127.8.0.1"
            (variable) serverSocket: socket (TREAM)
          serverSocket.bind((serverName, serverPort))
          serverSocket.listen(1)
           while It
                 print("The server is ready to receive")
connectionSocket,addrmserverSocket.accept()
    8
               sentence=connectionSocket_recy(1024).decode()
  10
   11
                   file-open(sentence,"r")
                   l=file.read(1024)
                   connectionSocket.send(l.encode())
   13
  14
                   print("\n Sent contents of"+sentence)
  15
                 file.close()
          connectionSocket.close()
  15
 PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
(base) bhugBhuvanas-MacBook-Pro AI LAB % python ServerTCP.py
The server is ready to receive
                                                                                                                        * • (base) bhu@Bhuvanas-MacBook-Pro AI LAB % python ClientTCP.py
                                                                                                                                  Enter file name :ServerTCP.py
Sent contents ofServerTCP.py
The server is ready to receive
                                                                                                                                  From Servers
                                                                                                                            from Server:

from Secket import *
serverNone="127.0.0.1"
serverPort=12800
serverSocket=socket(AF_INET,SOCK_STREAM)
serverSocket.ind((serverName,serverPort))
serverSocket.listen(1)
white 1:
print("The server is ready to receive")
connectionSocket,addr=serverSocket.accept()
sentence=connectionSocket.recv(1024).decode()
file=open(sentence,"r")
i=file.read(1024)
connectionSocket.send(l.encode())
print("\n Sent contents of"+sentence)
file.close()
connectionSocket.close()
(base) bhugBhuvanas-MacBook-Pro AI LAB % []
```