Assignment 08.

Puge Na.

Title: File transfer using UDP.

Problem Statement: Write a program using upp sockets to enable file transfer (script, txt, audio, Video file) between two machines.

Prerequisite:

Socket programming in python.

S/W, H/W Requirements:

Nindows 10, 64 bit (4 98, 512 98 SSD)
Python 3.9, vscode editor

Theory:

erver dient file transfer using upp

From client to the server. We will read bytes from file at client and rend it to server will write those bytes to a file. We will continue this untill the whole file is sent.

(Page Ma)

	Server!
	1. create a UDP mocket
	2. bind the socket with address, port
	3. listen to requests
13	4. accept incoming requests
	5. RUD 100P
	1. recieve bytes from client
	2. write butter to file
	3. If bytes are not present : end loop
7	e close server.
	client:
	1. create a upp socket
a de la companya de l	2. connect to address, post of rerver
	3. Run 100p
	1. Read from File
	2. It nothing to read end loop
 	3. send bytes to server.
Lance Control Control	4. close connection.
	Testing!
· · · · · · · · · · · · · · · · · · ·	Run wireshark tool
	Run client-server program
	capture upp packets in wireshark.
	Captaic upp parkers manesmus.
	Taucrer Signatus

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PS C:\Users\HP\Rupesh\PICT\TE SEM 1\CNS Lab\Ass ignment 08> python -u "c:\Users\HP\Rupesh\PICT\TE SEM 1\CNS Lab\Assignment 08\31124_Rupesh_CNS L_Assignment_08_server.py"

Server Binded

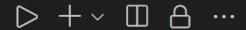
Waiting for data...

Hello world

Recieving..........File recieved

PS C:\Users\HP\Rupesh\PICT\TE SEM 1\CNS Lab\Assignment 08> []

powershell



PS C:\Users\HP\Rupesh\PICT\TE SEM 1\CNS Lab\Assignment 08> python -u "c:\Users\HP\Rupesh\PICT\
TE SEM 1\CNS Lab\Assignment 08\31124_Rupesh_CNS
L_Assignment_08_client.py"
Sending data...
Sending file......File sent

PS C:\Users\HP\Rupesh\PICT\TE SEM 1\CNS Lab\Assignment 08>



This is a text file.

I swear this is a text file.

Why don't you believe me?

Ok, look at my extension.

You are a fool, dear!



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