

Assignment 08

PICT, PUNE	
LI,	
Our	Title: file transfer using upp
	The hall to tally our
60-11	Problem Statement:
	Write a program using UDP sockets to enable
andria	file transfer (script: text, audio & video file) between
	manuel.
not.	Pemonstrate the parket captured using wireshark
1181	parket analyses tool.
	a broke man region from the old to
	Presequeste.
	Transport layer sules & protocols (TCP UDP)
	- Socket programming - Wirehoork parket Analyzer Tool
	mires vace enter mayrer (00)
	learning Objectives
	-students will be able to understand socket
	programing
gat	- Studente coll be able to design networking
126	applications using upp protocol.
- 0	the your paints one of the part of the part
	S)w & H/w requirements:
()440	-coindows 10- 64-bits pc
	- Wiserhark parket analyses tool
77	- 84B RAM. \$12-GBSSD, is - 814 gen, Indel 4.core processor
	Theory:
	Perver-dient file transfer using opp dient.
	gener:
	-Include appropriate header files
	The state of the s



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	- Greate Upp socket wing sockets system call
	- fill in socket address structure with server
	1 uformation)
	- Spenty the port where service will be defined
able	to be used by dient
mounted (sto	- Bind the addless & port using bind() system
	(all
. stewat	- Revere a file name of terb, audio/video.
	from client using recutrome) system call.
	- Send file to client using senotto() system call
	-close the cerver socket
	Add to 12 stop, they to take a part to spring.
	palurmorphy fished.
ELLIN	client: lost socilarités todias descripacións
	Include appropriate header files
	- Great Upp socket without makers a
101	- fil in socket address structure with gerver
	information parliments
100	- sperfy port of server where it is providing
	(lexuice
	- send file name to server using send to ()
	System coll shows many will shall
	- Reverse a file from server using secution()
	system (all
property to the	- close the client socket
	· Stop.
	1 wards
	finely the point of work and finely must
	5215 90
	whit stood itrimogra abulest



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- 10	Socket functions for UDP client-server in
	connection les scenario-
	Server thenf
	(Sockets) socketo
	[bind()]
1	Sew From O Senoto U
	blocks with data
	blocks until data serenved from chent (reurstand)
	process request block lints data
	bendto () data (septy)
610	Testinger
	Run wieshark tool Run client server program
	send & receive file.
	capture UPP parket in wheeshark.
	Conclusion: Sweenfully implemented & performed file transfer using upp socket programing
	parage as my opposite as a second paragraph of the sec

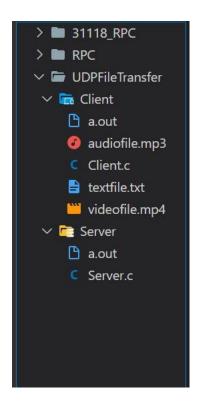


Fig: Show files in Client and Server Directory before transfer

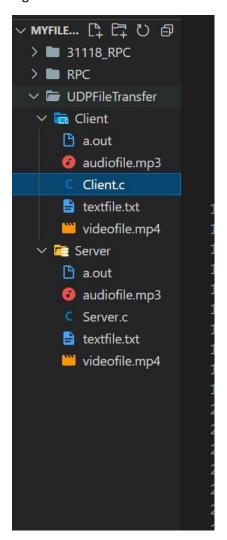


Fig: Show files in Client and Server Directory after file transfer

```
Debuhama20.01@Shubham-AcarSwift -/myfiles/LDPFieTransfer/Server$ acc Server.c stubbam20.03@Shubham-AcarSwift -/myfiles/LDPFieTransfer/Server.c stubbam20.03@Shubham-AcarSwift -/myfiles/LDPFieTransfer/Client$

**Reading file contents.
File sent successfully.

**Reading file contents.
File sent successfully.

**Water file sent successfully.

**Acute file sent successful
```

Fig: Show file transfer process.