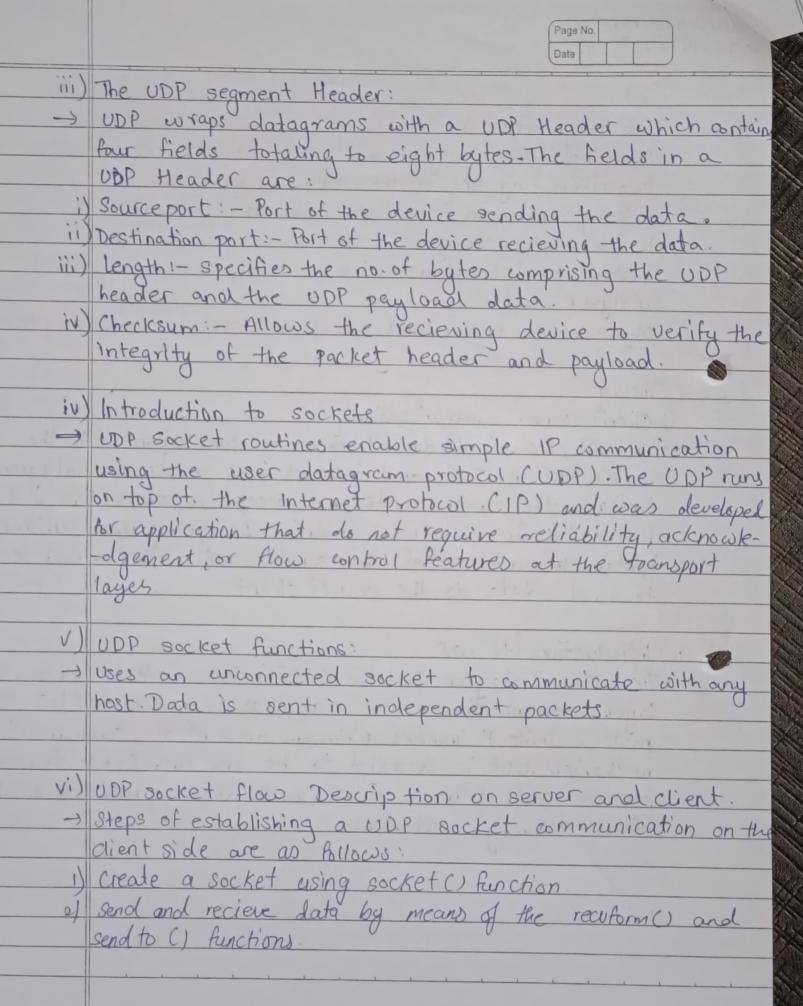
Devanshu S 103221075		Page No.
	CN ishall topus	900 100
14 - 11 - 1	Lab Assignment - 9	1987 W. 900 /-
	Aim: Write a C program for wired ne	
	to perform any one of the following op	
	a string conversion from upper case to	
070	b Reverse the string.	or not and sort (if
	c show packet captured traces using	
	analyzer tool.	
H Hir	Objectives: To understand concept of s	ocket programming using
	Theory.	0 0
	Client Server communication	mitaulsottal (vi
	In UDP, the client doesn't form a c	
	server like in TCP and instead just	
	Similarly the server needs not accept	
Humber	just waits for datagrams to arrive Da	tagrams upon arrival.
	contain the address of the sender i	which the server uses
	to send data to the correct client	- Jages
(
	Introduction to UDP.	raya gay (Val)
	The User Datagram Protocol (UDP) is	
	layer communication protocol available	
	protocol suite. H'involves minimum amo	
	mechanism. UDP is a said to be a	
	protocol but it uses IP services u	shich provides bent
H W W	effort delivery mechanism	
The second		1 17 41 41



Page No Date	steps of establishing a UDP socket communication on the server side of are as hollows: 1) Create a socket with the socket Churchish 2) Bind the socket to an address asing the bind() function 3) send and recieve data by means of recultion () and send to ()	EAG's and 1) UDP where datagrams with a UDP header which contains 4 held totaling to 8 legter. 32 byter Source port number (Kbits) Devination Port Number (Kbits) UDP length CK bits) UDP checksown (K-bits) Data (if any)	Genecting Requires an established connectionless probable with status connection to transmit data no requirements for opening, maintaining, or terminating a connection. Data Able to Sequence Unable to Sequence. Sequencing dedivery of data to destination of data to destination. Retransmission fetransmission of lost No transmission of last to Speed. Slower than UDP. Faster, than TCP.
	- 4 -0	and	2 Sus 2

	Page No.
ans 3)	1) loss-less data transmission 2) Gaming, voice and video 3) services that don't need fixed packet transmission 4) Multicasting and routing update protocols 5) fast applications.
Ons 4)	A ephermal port is a communications endpoint (port) of the transport layer protocol of the internet protocol swite that is used for only a short period of time for the duration of a communication session.
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	And an initiation of the distance of the state of the sta
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