	Date
pt. No	Page No. 1
Nétwork configuration.	Res and Networking commands
Arm crefting started with the box and exetensiting commands in	sics of network configuration files linex.
nouve to get the detacts of	gives the confeguration of all . It can be sun with an intest
(ii) net-stat-!- This command eg: netstat- i-> Mis c	grie network status information ommand with i flag provides into interface.
(iii) pring: - This is-the most-con connectivity.	remonly used command-Pos checking
(i) lete hosts: - Mus file is	used to resolve host names on small no dus server. Their test lite mapping of an Ip address to the
conteuns a conteuns a	histing name in each lin.

Expt. No.				Page No	, 2
THE RESERVE OF THE PARTY OF THE	olv.conf:- This co		on Proes	contains and the	-the secuch
(iii) letcleys	sconfeg Inetwoode:-		Regusation for n	Pile spe 11 network	afees -
(iv) lete Inus	witch .con P:- The	s Pile	includes d	atabase se	arch ev
Resull.			a. Parcincia	Dit on	and
Result. Studies - Il	commands in la	wkong i	confegurate	un Peles	and
Result. Studies - Il	commands in la	wx	confegurate	un Peles	and
Result. Studies - Il	e basis of notex commands in la	ux	confegurate	in Peles	and
Result. Studies - 1h nutuovskeing	e basis of notax commands in la	ux	confegurate	in Peles	and
Result. Studies - 16 networking	e houses of notex commands in la	ux	confegurate	on Peles	and

A.A. A.	Page Ho
xpt. No.	II II muderates
2 17 17 17 17 17 17 17 17 17 17 17 17 17	13 called the process undergoes
The second real part of the	nsed to spen or fele cohere porthe first prosonne tu of the fame-took of gry-the options that tall the elecan be used.
way in which - the -	de can be wer.
Asie couse the the	oc ococ
(vi) read:- (This system call is us xead (Fd buffer, 912	ed to read data-Bonn an openfile. ed (buffer);
Will) write: - Data is written to write (Pd, buffer, sizeiff	o an open file nying noite fametro infles));
Resulting 1 1	11. me and Linctioning it system
Jamelarized and understood	The nee and functioning it systems
in os.	

Page No. 5 Expt. No. Implementation of client-server communeration using socket programing and sep as sompost layer protocal. Ann: so implement curint-serves communication using socket programming and sep ous transport layer protocol. Algorithm 1. create sockel 2. connect-the socket to the server 3. Read the string to be sent to the server using socket. 4. Read the strong from the socket and display it on the standard output? 5. close - The socket 1. éseate listening socket. a. Bind of IP address and post-number to the socket. 3. Listen for incoming requests on the listening socket. 4. Accept the incoming request. 5. connecteon socket is created when accept seturous. 6. Road the storing young the councetion, socket toom the client. 7. send the Istoring to the client using the connection Socket 8. close the connection sticke! a. Bluse the listening socket. 16- sto Teacher's Signature _

		Dat	6	
Expt. No.			Page No	6.
Result.				
implement client-server comm	runication	using	gocket pr	rogramor
implement claint-scores command super and super as toamsport layer pro	rotocol.			
	Teacher's S			

Page No. 7 Expt. No. 4. implementation of client-server communication using suchot programming and upp as transport layer protocol no implement client-server commanication using socket-programs app closul. 1. create a app socket. a send a message to the server. 3. woult until desponse. Bom the sexuer is received. 4. process reply and go back to step 18 if necessary.

5. close sochiet descriptor and exit. udp server 1. escale a upp socket.

2. Band the socket to the server address.

3. wart until the clothagram packet arrives from the client.

4. process the datagram packet and a reply to the client. Teacher's Signature ____

		Do		d
Expt. No.			Page No	8
SAPr				
David				
Technice.	Meiña	socke !-	mogran	ning
mplement elient-server communication and upp as trampvol-layer prote	000		1	1
and upp as 45 amprost layer pour	VCO (
	Teacher's Sig			

	Date
xpt. 140,	Page No. 11.
0	
Rusul	at and and another
implement concerrent time ser layer protocol by executing progra	ver using upp as fourspoor
layer protocol by executing progoa	in on- a sempte scares
	Teacher's Signature

	Date
xpt. No	Page No
EXPL	
	Muttiuser chat server and cliënt
Aim	- Transport lay
No in	plement a multi user chart server using TCP as transport lay
proto	ol.
probles	n description: Using TCP socket, create connection between
multo	e clients and single server.
Algori	in - TCP scriper
1. Grea	te a sockel-tox TCP using the feinetion con, social
	Table some AMD!
2. The	nemsel-() -Panction Pills the first n bytes of memory area
	I I I I COMO COM - LIVED.
3. Init	de to by addr with constant synt on member of sinfamily, sin_
4.Bin	, sin post. The socket to its postusing bind (int-socked, Cstonet-socked)
	10 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2
5. list	n for any active client connections using losten (int- socked,
intb	n too any active cuent connections the maximum length acklog); Backlog argument defines the maximum length
to w	wich great it pending connections for sockfel may grow
	I I I I I I I I I I I I I I I I I I I
	I and me
J. A.Fle	accepting dient-connections inet-ntops) function is used to
conve	I diente acted to address stone the site in
Panity	into a character string. The
The bo	The pointed to by det, which must be a non-non pour
The 1	eller specifies the member of bytes available in this
buffe	in agament size.
	Teacher's Signature