Name: Raghar Maheehwaei ROUND: 53 Lab Assignment 6 (cn) Tel socket to demonstrate mothematical operations. * Objectives: To undoestand concept of socket programming. * Theory: Client Some communication involves two components namely a client and a somear. Client sends organely to sounce and securply Deeponds to Client seggest TCP or Teraninissian control portocal a communications standoes that enable applications porograms and computing device to exchange meseages offer notwood Top Hender Socket in a software structure within a notwood Tel soulet glow and junctions on dient side is socket (). 11) Connect () (i) Deite () W) Head () N) Close ()

TCP socket flow and Junctions on source side: ii) Connect () listen () in white () accept () in) Heard () heard () v) Ctase (worte () close () # FAB 1. State the TANA songe you posits. List ortleast six would known posits? Ans fort range division is are as pollage: i) well known post - 0-1023 in Rogistered poet: 1004-49157 iii) Dynamic post - 49152-65535 Some well known poorts one A) 7-ECHO 8) 20-27 -> FTP. 0) 20,27 5 FTP D) 22-55M E) 37-Time F) 53-DNS 6) 80-47TP, H) 738-3 SFTPIX I) SQL ROOWICE 5) 443-3 HTTPS K) SY6-1547-3 DMCP CIRCH 2. I blind () jails, what should I do with the sochot descriptor Ans On bind () jails the unix system will close all open file descriptor on exit. If the cade is not exited immediately the perogrammer can close at with a regular close () call.

3.	Deraw and explain header?
A	The state of the s
	Doubs to Product that XVIII the
Mi	Dequence number 32 bit field indicates how much date is pert
	Lining Tal engine
(v)	Acknowledge number - 32 bit field is used by sierciting
	to a state of the second to
U)	Header length - ubit data indicating length of TCP Header.
	K.D.XVVIANDA & INTERNATIONAL CINCAL CONTRACTOR CONTRACT
UiD	flog-9bit you glog also called as conterol bites
4111)	Cheiklum - 16 Sit Cheiksum
(A)	options - optional field can sunge 0 to 320 bits.
16	Source Post Destination Post
	Sequence number
- (1 	Acknowledgement number
	Headerlength IPSV Flage
	Cheekeum wigent pointers
11.	o phon)
1,5	