	LAB-II	M T W T F S S	
		Date 9 11 33 YOUVA	
1.	Shill program on paste C	md	
	echo "Executing paste Comme	and "	
	echo contents of file I		
	Cal Cullist 1		
	echo " Contents of file &"		
	Coat Cuttist 2		
	eilo "After executing the P	as te Command "	
	payte Cuffixed 3 Cuffixed	Cullist 3	
		Note the file must be work	
OP	Maylond Of the	,	
		Cal > fullists	
	A A	A N A	
	N	<del>}</del>	
	A	Cat > Cut list 2	
	S	S H E	
	H	î Î	
	E	9	
	E T Co	it > Cuflist 3 [empty file]	
	After executing the paste Comm		
	A S		
	H H		
	N E		
	y T		
	F) Y		
		211 2 112	
2.	2. Shell psugram for sort with 3 options echo "Executing of Sort Command". Sort emp. lst		
	elw "fort of hum file"		
	elw sort of hum file		
	sort -n hunfiles	1	
	ellu "		
	ello " to checu the default file is sorted "		
	sort - c emp. lst		
Name of the last	ello "sortina on reverse lis		
	ello " sorting on severie las	<del>**</del>	

		Page No: 38	The .
		Date	YOUYA
	sort -t "1" - 91 emp. let		TANK .
	ello	- )	
de	CYCOLEGA CX CX 1		
41	mus la la		
	i agrawal g.m markers	91	
	execution eg sort Commend 0110   v. k. agrawal   g.m.   marketik 9876   jai Sharina   dir   proc   63   12   50 Sort of rum file	115/31	40 1
	1840 Da Sharma dir pro 63 12 50		110
	Sort of run file	17000	
	5		1
	100		
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	Sorting on reverse tut		
	110 (03 () (57		
	0/10 1/1/10	7000	
	Olio V.K cysawal g-m marketing 12		
•3	1 1 100 creen (19   12	31 40	900
3.	Demo of		10.0
thig	Cut -d " " - P and to and		
9/0	dig m  director		
	dig m director	Dit Tuniq	<u>-d</u>
	executive		
	g.m		
	manager		
Å.	Ocho ()		
	to translating Characters,		
4)0	$\sim$		
	22 33 ~ a. Le Sherkla ~ q. m ~ Cala	3	
	2233 ~ a. le Sherkla ~ g. m ~ Sales ~ 12/ 9876 ~ jar Sharme ~ director ~ pro	12/52 ~ 6	5000
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	5678 ~ Sumit Charsobouty ~ d.g.m.	) marketin	42
		796) ·	
			1

4. write a c pam to that ofp's the contents of its environment list #include stdio. h) Pam Put maly ( Put auge, Chow \*augv[]) Choir +x ptor; extern Char \*\* envisormen; for (ptr = environ; + ptr = 0) ptr++) print ( " of s lu", \* plo ); gcc ci. c · la · out SHELL = (bin /bash DP SESSION-MANAGER- LOCAL / SIMSG-HP-PRO-3330-MT BY ACCESSIBILITY: COLORTERM = fruccilor XDG\_CONFIG. DIRS = let c/xdg/xdq-cibundu. XDG\_MENU\_PREFIY = gwmo-LAN GOEGE = en loien GNOME DESKTOP SESSION ID : this is deprecated

(AB - 10) 0010 16 1123 1. Write a cless program to emulate the user # include < stdio. h> H include (sys/types. h) # include ( wistd.h) #include < string. h) int main (int arge, Char + argv[]) if (angc < 3 11 ang (>4 11 (ang c = 4 94 stronglar) printfl" usage: la out [-s] cong. files (new ): if (argc == 4) if (( Symlink ( orgv[2], orgv[3]))==1)
privite (" (annot create Symbolic line In") prints ('Symbolic link (reated lu')) if (([inll(agr[1], agr[2])) == -1) Printf(" Cannol Create hard link In") printf (" Hard link (realed lu"); return 0; Olp & ilP ln.c CC · la · out 123 Wage: la out [-s] Lorg-file? < new\_link>

Page No.: U F S S .10 out -s 10 c ZZ Symbolic linic Created 2. cosite a c/c++ Posix Compliant program that points.
The Posix defined Configuration H define Posix source POSIX - SOU-RCE # defice - POSIX\_ C. SOURCE 1993091 -POSIX-C- SOURCE 199309L #include < stdio. h> Hinched ( unisd. h) int main () POSIX-JOB-CONTROL Printf (" System Supports job Control In"); print ("System does not support job Control (")") Helle # endil # if def POSIX-SAVED\_IDS prints (" System Supports saved set = UID and saved set - GIID (n"); print of C' System does not Support Sared set -# else # endil # if def \_ POSIX\_ (HOWN - RESTRICTED) prints (" Chown-restricted option is Idlu", POSN (HOWN - RESTRICTED); prints (" System does not Support (hum-sertricted option (n")) # else # endif

4) # ifdel - POSIX\_NO\_TRUNC prints C. Pathename + sun C Option is Yd his POSIX NO TRUNC) # else print ["System does not suppost system ! wi de pathname tounc option In"); # endis # ifdel \_POSIX\_VDISABLE prints ("Disable Chevracter for tounine files is 1-d lu", \_ POSIX\_VDISABLE); # else points (" System does not Suppost -POSIX VDUA-BLE In"); # endi return 0) Olp CC polix. C System Supports job Control System Supports Saned Set -UID and samed set-GID Chourn restricted option is O Porthame frunc option is I Disable Changeder for terminal files is o interprocess Communication blu reader from and a writer process us mkfifo, open i red white and close API's in U's program # include < sys / types. h> Finclude Canista. h) #include < fcold. h> # include < sys / stat. h>

Page No 43 Hinclude < strong. h> Hinclude Lever wo. h) Hinclude L stdio hs int main (int any ( , (har \*angres)) int fd, gt; Char buf [256]; if (ary ( != 2 fg ong ( !=3) Print ["USAGRE Y.D Efile> [<aoy>][u')
agyv[0]); m Kfifo (augv []], S\_IFTFO [S\_IRWXU SIRWXG [S\_IRWXO]; if (org ( == 2) fd = open (argu[I], O\_RDONLY (O\_NONBLOCK) while (read (fd, buf, Size of (buf)) & gt, of 3 point f (" 1. s", but ); lle fd = Open (argv[1], 0-wponGLY); write (fd, argv[2]), stolen (argv[2])); (lose (fd)) la out FIFOI "This is USP gamp; (& lab Read writer . looid 71F01 13 USP famp , cD lab