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	C CONTINUE DE LA CONT
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	humana sa an a aga with the
	Various Commands Used On Unix
*	Process related commands
-	fg - to continue a program which was stopped of bring it to foreground.
	Ex:- I bounch any process
	2) Stop it with 'ctrl+z'
	3) Mow bring it again using 'tg process_nome'
-	top - shows all running processes
	Ex 5- Just enter 'top' and press enter g'q' to move
	out of process display
_	ps - It is similar to top' and but it is user specific
	fix: ps root OR 'ps 1268'
	↑ PID
-	> kill - to termiate running processes.
	Syntax: Kill PID
	pidof - to find the PID of any process you want.  Ex: pidof Photoshop. exe
	Ex: Plast Thousand D. Exe
	pice/renice - used to assign priorities to the process
_	running or about to start.
-	Ex: 'nicke -n 19 banshee'
	This will keep banshee at lowest priority

Hame: Uboid A. Gharte Reg no. 1 2019 bcs 043 | Date \_\_\_\_\_\_\_ | Page \_\_\_\_\_\_ | Rouno. AZZ as in Linux it ronges from -20 to 19. Lower the niceness index, higher the priority. renice -20 -p 3293' Here priority is being changed of PID 3293 to the highest. Default priority index is 0. shows free disk space on all file systems use '-h' for more readable format Ex: 'df-h' shows free of used ram on your system.

use '-m' of '-g' to display in MB of GB

Ex: free -m' -> tree \* 3 cheduling related commands - used to run some scheduled task at specific time or date repeatedly. Syntax = crontab -e' tix: Open cronjobs using above command I write the job you want to schedule in the format:

\* \* \* \* command/script 1 1 1 1 1 Day of week (0-7)

Month (1-12) Day (1-31) Hr (0-23) Min. (0-59) Note: use is for multiple tasks after every

Reg. 2019bcs 043 Date Page used for scheduling task which are run only - at Ex: at 5:00 PM \ be run. 'at > echo hello >> thisfile'

this will write hello in thisfile at 5 pm.

Now press ctrl + D +o complete the task

list. Note: You can view list of at jobs given using 'atg' command. \* Memory subsystem related commonds

ipcs - used to look at shared memory on a linux system

Ex: 'ipcs - a'

here, '-a' gives some additional info. - this gives a lot of info which contains swap of free memory numbers.

Ex: 'vm stat' - dmidecode - used to find out hardware info about the installed RAM. Ex: sublo donidecode -t 17 File system related commands

touch - create a new file or update its timestamp.

Ex: Create empty file called 'file 1 g file 2

\$ touch file 1 file 2 Ex: create file with hello written in 12. > cat

Regno: 2019 bcs 043 Date Page Roll no: A22 \$ cat > file1 Hello ND simply copys the diles. CP Ex: copy contents from file 1 to file 2 \$ cp file1 file2 moves files or rename files -> mv Ex: \$ mv filet file2 removes files & directories -> rm Ex: \$ rm filet -> mkdir / rmdir - make & remove directory respectively Ex: \$ mkdir dir1 \$ rmdir dir1 change the directory you are currently in prints outs the path of present pwd working directory. Ex: \$ pod lists all the diles in present working - 18 directory. Fx: \$ 15

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*	Vo related commands
-	> - the output intended for stdout can be directed
	to a file or follow up command using
	to a file or follow up command using thing this notation. (Output redirection).
	Ex: \$ echo hello > file!
	This coill clear file 1 q corite hello or
	create file! & write hello.
	19 1 3mn 797 70 /2 1 1 20 VOOT - VON -
	>>> - similar to'>' this notation appends the output
	rather than rewriting it.
	Ex: \$ echo hello again >> file 1
	19/1 (1) 4
	used to redirect input of a command.
	Ex: \$wc - L < users
-	· << - weed to read in a sull of and
	input until it finds a line
	containing the specified delimiter.  Syntax: command << delimiter
	document de uniter
	delimiter.
	Insula de Exista world K EOF - bara -
	preliavila hellogodi
	hello again
	EOF
	and the same of cut put :- 112 that - 114
	A Production of the second sec
<b>→</b>	1 - takes output from one program, or process, and sends it to another.
-	Note: STDIN → O STDERR → 2
	STOW -> 1

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Rollno: A22 \* Hardware related commands - Locpu - reports info. about cpu of processing unit. Ex: \$ Lscpu - Ishw extract info. from different /proc files & shows multiple hardwares units. Ex: \$ sudo Lshw - short - Lousb list all usb buses of devices connected to the USB controllers modify partitions on hard drives of list out partition info. using this commond Ex: + \$ sudo falisk - 1 - flish used to mount / unmount & view mounted file system Ex: \$ mount | column -t | grep ext This will return a column of mounted for where their is