(Jist of directory)	toul) Ses (start with " are hidden Me can access them by using -a 15-a 15-a	* Notes: DAY 1 :Linux Directory Strudure / Mount Point /Strudure Superuser, Root User, Administrator /Sbin -> System Bingries.	# find / - name (filename) - delet	* CMD challenges * Bandit challenges Imp * Kinux Journey -> Both theory & Pradicule The To remove If a recursive of force fully * Find data in linux:
	# file banana. Ipg. # cd , Previous directory 8) history	6) file: - To find out What kind of filea file is - It willshow you the description of file	Tt will also Work. 5) Touch	o — I for Jong:- Shows a ditailed list of files in a Jone format 1. Als — I

Chimanal Standard Market	2) mkdir-> make directories.	* my (move): * my (move): * for moving Renaming. * my old file new file > Renaming	ohlild card ;* ohlild card ;* or any string. or any string.	directories Within a directories Within aith ill recursinely copy ill recursively copy ithin directory.	-P-> parent flag
	20) We - Used to count total number of Lines, wor & chasacters contained inthefile.	(Also used to create the file.) ** — P — parent to child flag		17) Whatis: Gives brief description of command line program.	toy hackme.com/ room/ Linuxfundamenta/sparts b4-shGBK/Ndi72yv2

* We can use pipe with grep	* Which - To find Jocation in Binary. * Pipe Gign: 1" * Pipe Gign: 1" * Pipe Gign: 1" * To connect two command * John of the connect two command * Loutput of one # We: word count * We: word count * We: word count * We: word find the string * Josep: To search find the string * Grep " String we tonced" fill name * Fiping: To get land; of machine. * If config: To get land; of machine.	
May backurls cdac.in > urls.d	grep'ind * Meta * Meta	O - V [Inverse grap]

	Imp Also we use 'tee' for redirecting In Grep it will not consider as pattern it will use as (string. So to avoid we have to use (string. So to avoid we have to use (string. So to avoid we pattern. Fg: grep "\. dot" Fg: grep "\. dot" search for pattern . do at end of lin of all use "-i" \. ZIP\$" He alloid use "-i" \. ZIP\$" Heat zip. tot grep! "\. zipfo-gation of the check all digit belongs and	
the feoretia grap which space	Predictined classes for Greater into the seed of Jane 1 [[:alpha:]] - Alphabali send of Jane 1 [[:upper:]] Ibour case 1 [[:uppe	

from Regular to root user - sudo sh-\$ -> Regular # - Rootuse ofrom root user to regular user Sy susername. o add user. I username) -> To add User. · To see existing user: · PassWD- command to password tor user · gpassWD+ command to set Password for grp. letc | group + IH relitogra lete / passlid - Ilfred to user ofor useradd 'name' - Directly added without asking any passible · add use 'name' - Ask for setting the password. · cat/elc/PassWd - show user/list of users · To delet the user-Userdel " uzername" · To change the password of user. sudo PassWd "username"

To check the permission: 015-1d filename username 45-1

* Group:

1) add group -> group add «grpname»

or addgroup "group name»

of cat/etc/group- Just of groups · less /etc/group->-- 11-· Todelet group: groupdel "groupname" OTO add user to group:-Usermod -a -q "grp" "user append) secondary grp towhich we want to add user. · To add user to multiple groups:usermod -a -q "group1", "group2", "group3" " user" Eg: usermod - 9-4 91,92, U1 * Permissions: 4 -> Read, 2 -> Write, 1-> Execute ful-> 7, 0-) No permission chmod: To change update file access / permissions Eg: chmod 777 file-tut/path Filemame THX THX THX user group other charp > To change group ownership

Sudo charp -c Nick file We changed the gap owner Ship to Nick

chown: To change user owener -ship offile. Sudo chown - c nick testfile. Toshow file details. (so from this user "nick" Wecan make changes to file) L. To check ownership 1s -1 filename Ly VIM dumny file → Writeanything + H9 L) cat dummyfile. * ACL commands:setfacl -m u/g: username: THX Permision - file name 4-) User g -> 900p · To check the permission: get fact_filename or 15 - 1 filtname 15 -1 /etc/shadow -> To check permission for user 15 -1/dc/group

to check permission for grp

command: 1) finger (Username) ->

->

Print the information about the user. 2) PassWd - To change the PassWord 3) Ps - list of running Processes * 15 - 2 "filename | Usernam" Lito check the permissions File user group other user grp to dize file - Start With (-) directory-start With d letclshadow vs letcl passWd -9 Process-9, Examples-27, tee - 9 12) Last log. 54- User Whoami - current user Login as user 1 ->

Login, SU - username

35 Su - username 15) - m. home/users /home#ls -) show all users 5) run level -> Who -r

(1) geraubjects. @ addsubject.~ (3) 1) Su - user1 to login as user1 id | Whoami -) current user 2) Su_-1_ username -> login as user. 3) Cat > file.txt-) to write anything in file. 4) tee - redirect. Always use tee to redirect with pipe.) echo "Name" tee file txt 2) cot file. trut - Name" 5) head -5 path/filename La Toprint tops line Tail -5 path /filename Ly To print bottom 5 lines GG To Join both 7) Grep Syntan 4) \$ -> End With 8) AWK:awk-F":" / Print \$171 \$NF -> count column & Print last col.