

Session - 32

* Basic Cmds

(User) → want to access the OS

2 things → access file/folder

(OS)

(Programs w/ Pg, text files)

inside file data stored

* Date

→ file

→ folder

HOD

These steps need
to store data info

* Root → Admin (Unlimited powers)

*

TOF

CUI

CLI

Go work on the CLI
(always need terminal)

* programs == cmd

date # cal

mkdir dir1 (create directory)

cd dir1 (go inside directory)

touch a.txt (create empty file)

ls, # ls -l (Some details about file)

(cmd) (opt?)

[# cmd -option] → Syntax

*

cat a.txt (Read the file)

Cat > a.txt
L (redirect) → something put in a.txt

ctrl + D → to move out of file save.

cat a.txt (now see file details)

* Again use that cmd → # cat > a.txt (create & save)

* # cat >> a.txt (append data & add new data) Overwrite data

ls -t > p.txt

① They ~~create~~ file

② They add data.

* # rm a.txt (Remove file)

(If you remove file they ~~erase~~ forever)

rm -f a.txt

↳ forcefully (won't ask)

alias update

* # alias (click option)

alias d = date

unalias rm

* # ls ; # on radio a

ls -2

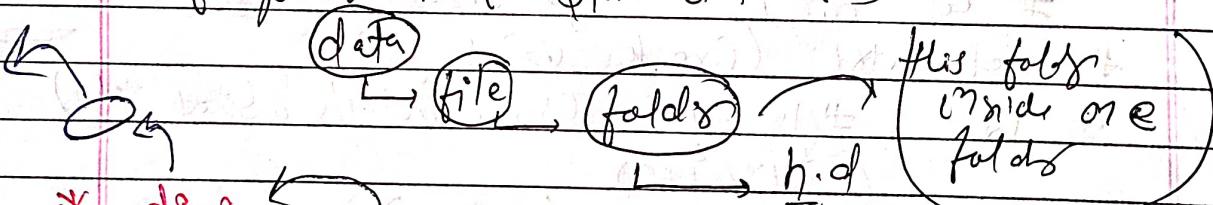
touch a.txt # touch a

ls -2

→ a (start with a & blue color i.e, directory)

→ .txt.

* If you want to store data →



* dir ↗ a ↗ b ↗ c (These are inside)

→ Without any inside folder you can't create new folder.

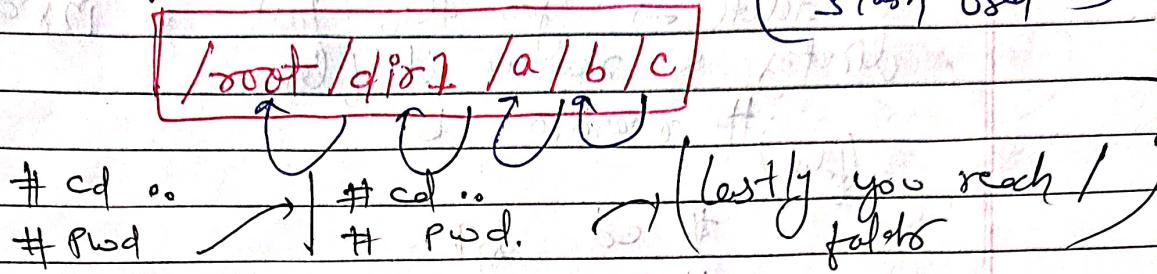
* final folder that connected to h.d

absolute = dir/root dir.

pwd

→ ~~" "~~ (current working directory)

* In Unix we use (.) for word slash to differentiate b/w two folds. (.) w/M backward slash used



* # cd /root/d1/d2/a/b/c
(absolute path)

* Going from directory Out →
cd .. /.. /.. (reached to a)

* history | # cd / (reach to) slash/root)

* # mkdir a1
cd a1
cd a2

* If you want to create hidden files and folders →

(Create file →) # touch .f1.txt

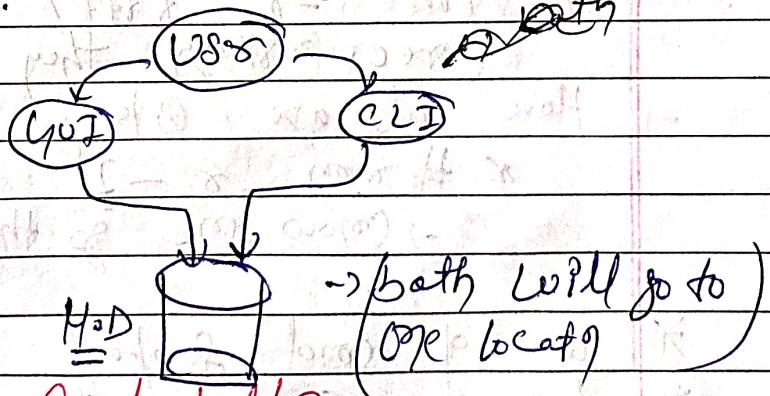
(Create file →) # touch .f2.txt

ls -a

mkd1

ls (not visible hidden file)

* There are two different way to interact with H.D.



* Remove files and folder:

[# rm a.txt
rmdir b2
ls]

* Any folder contains data inside it can't
be deleted → rm -rf won't allow
to delete → few files first go inside
directory & remove all files

rm -rf b2
(file)

cd b2

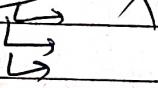
rm *

rm -rf b2 (now empty
(data deleted))

* In my OS technically no way to directly
delete folders (if they have data).

* This concept is same.

(file)



mkdir fff

cd fff

touch a b cd

cd ..

ls (reached to parent folder →
removes fff)

rm -r fff

(recursively) they delete all files

→ Here all are going for delete →

* # rm -r -f

→ (now one go they delete)

* lots of cmd support usage

* from one cmd can create multiple folders.
mkdir new

touch new/a new/b & new/c

ls

-- --

cd .. argument
ls -f -v new/
ls -f
↓ ↓
 Comp opt⁹
 ↓
 (Verbose) → (Show behind)
 (the scope)

ls -vf new/
ls -a (Shows all hidden files)

cat ok.txt

cat > .K.txt

ls -a

cat .ok.txt (will be)

hih

cp -r par1 par2

put content in par2
 ↑ (if not there)
 create it

cp -ov par1 par2

(know behind the scope also)

* If you want to copy one file to other file folder →

cp pop.txt /root/

↳ (press F5 to show all)
 2 times
 ↳ (folders)

(--> file)
 .txt → file

cp pop.txt /root/Video/

cd - (the back to so you)

* If you want to show all .txt to other folder →

cp *.txt /root/Video/

* If you want to copy all the contents of folder to other folder → (# cp -r par1 par2)

(what to copy) (where to copy)

cp -r /a/b /a/c

(Source) (Destination)

* # cp -r . /a/b (Copy to files)

(recursively) (that means from current folder)

ls -a

* # more ed /tmp (see the manual)

*

user file (copy things or)

Program → (code/file)

(OS)

date

which date

cd /usr/local/

*

user

(User or owner of access)

(file/folder)

*

User want to access a file then they need to do something so that user can access it.

* To any OS → file/folder → all come from system.

*

Systme

→ package

(group of files)

(OS)

≡

→ (extract all) (file/folder)

* Busy Out In The World They Are
Stack Of Software.

* All The Software Has Some Format →

Windows | Linux

→ exe / .msi | → rpm

which cat

rpm -q -f /usr/lib/cat

↳ (Software Name)

* All The Cmd Come From Software / Path.

firefox

(Ctrl + C)

which firefox

rpm -q -f /usr/lib/firefox

yum remove firefox

→ (Software Package)

* # ifconfig (Shows all IP/W Cards)

(Control) → IP/C Of One.

A Systemctl Stop firewalld

Inv (Cut Paste)