

`ls -l` → list files with details.

`ls -lh` → list files with details you can read it.

L rwxrwxrwx

↓
link to something

d rwxrwxrwx

↓
Folder

- rwxrwxrwx

↓
file (directory)

`cp` → copy files ⇒ `cp filename place`

`cp -r` → to copy and paste a folder with files in it.

`rmdir` → to delete a folder if it was empty.

`rm -rf` → to delete a folder with everything in it.

`rm *` → to delete all files in your place.

ln -s [full file path] [full needed place path] →
↓
soft to link a file to other place.

ln [full file path] [full needed place path] →
↓
hard to link a file to other place.

`addgroup [group name]` → to create a new group.

`/etc/group` → The all groups file location.

`delgroup [group name]` → to delete a group.

`groupmod -n [new name] [old name]` → to change group name.
to change the name.

`getent group | grep [the thing that you need to search for]`
→ to search in groups and users information list about something.

`add user [user name]` → to add a user to os.

`/etc/passwd` → file all users and passwords file location

to add a user with more advanced details use:

`useradd -m -G [groups that you want to add the user in it]
-s /bin/bash [user name]`

to make a directory for the user.

to add a shell for the user.

The groups that you want the user to be in.

Shell name (terminal).

`passwd [username]` → to add or change the password for a user.

`userdel [username]` → to just delete the user.

`userdel -r [username]` → to delete the user with all of his files.

groups

`usermod -G [new groups name]` → to modify user details.

`groups [username]` → to know this user in which groups.

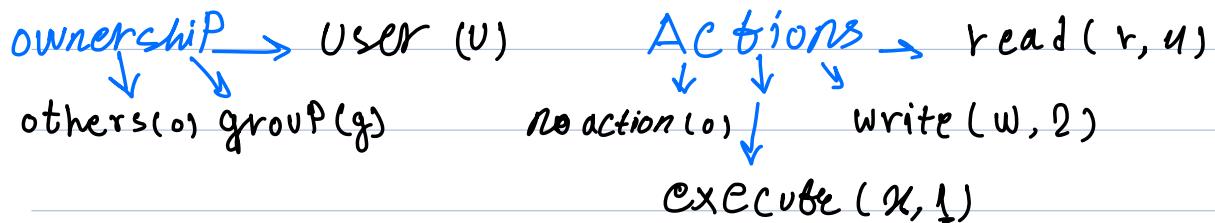
other way:

`gpasswd -a [username] [groupName]` → to add a user in a group or new group.
for username

su → to enter The "root" user "you must have the password".

`SU [username]` → to enter The user you wrote "you must have the password"

Exit → to exit the user.



`chmod` → to add or remove a permission from files.
`+x` → to give execute action to (users, owner, group)
(`g, u, o`) \neq (`n, o, r, w`) so add a permission.

`chgrp [groupname] [file name]` → to change file Permissions to a group Permissions.

`Chown [new owner name] [file name]` → to change the ownership for a file.

Chmod, Chgrp, Chown [new,,, name] [File name]
to change the ← -R
folders permissions
with files in.

apt search [app name] → to search for an app
to download.

apt install [app name] → to install an app.

apt remove [app name] → to remove an app.

apt purge [app name] → to remove any
repository starts
with this name.

apt autoremove → to clear the system from any
unusable [library, repository].

If you want to
update or upgrade
your system

first:

apt update → to get the latest updates.

apt upgrade → to upgrade your system.

apt dist-upgrade → to upgrade your system and
to update your apps.