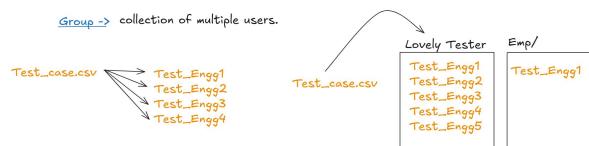
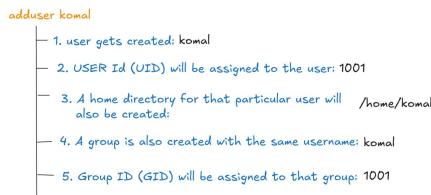
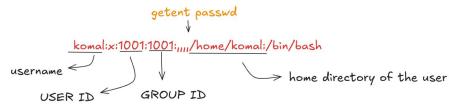


3. GROUP MANAGEMENT



Purpose -> to grant permissions/access to a set of users at once with the help of 'Group Management'



Types of Groups

1. Primary Group:

- Primary group gets created when a user is added to the system.
- Default group which will be present for the users.
- Every user will have exactly 1 primary group.
- No matter which kind of user it is; each & every user in the system, will have a primary group.

2. Secondary Group:

- Additional groups which can be created by the users & then other users can be added to this group.
- For adding users to a group and granting them shared access & permissions for a particular resource.
- Every user can be a part of multiple secondary groups.

COMMANDS

1. To list all the groups -> `getent group` OR `cat /etc/group`

2. To create a group -> `groupadd group_name` OR `groupadd devs`

	UID	GID
ludhesh	1001	1001
devs		1002
shanting	1002	1003

3. To add users in a group ->

i. <code>usermod -aG group_name username</code>	ii. <code>gpasswd -a username group_name</code>
-a -> append (add)	-a -> append (add)
G -> groupname	

`usermod -aG devs komal` `gpasswd -a ludhesh devs`

4. To remove a user from a group -> `gpasswd -d username group_name`
`gpasswd -d ludhesh devs`

5. To remove/delete a group -> `groupdel group_name`
`groupdel devs`

TASK

1. View the list of existing users in the system.
 2. Create a new regular user named Raj using default user.
 3. Switch to the Raj user w his directory and verify the current identity.
 4. Try switching to root user as Raj.
 5. Log out of the Raj user and return to the previous session. -> exit
 6. Now delete the user Raj.
 7. View all the groups currently present on the system.
 8. Create two groups: devs and testers.
 9. Add a user named Nikita to the devs group.
 10. Switch as Nikita user and add a user Shubham and add Shubham to testers group. X
 11. Remove Nikita from the devs group as default user.
 12. Delete the testers group.
- history