Basic Linux Commands

Submitted By

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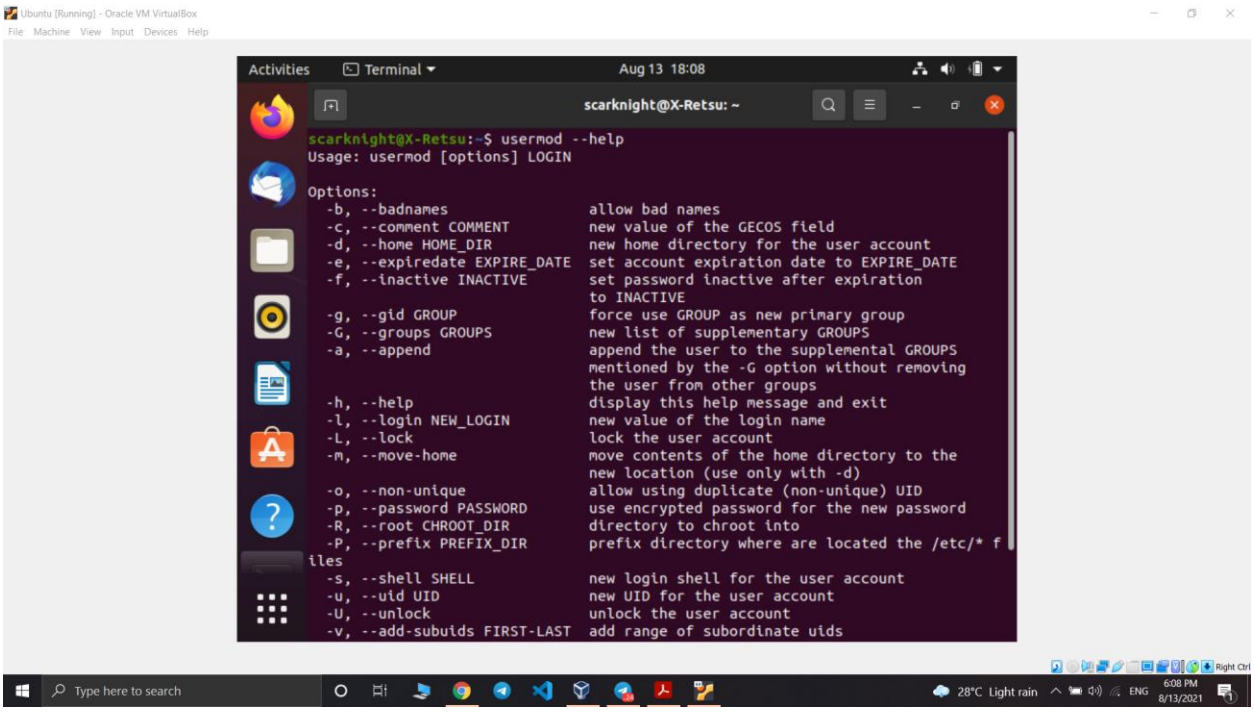
Roll no.1

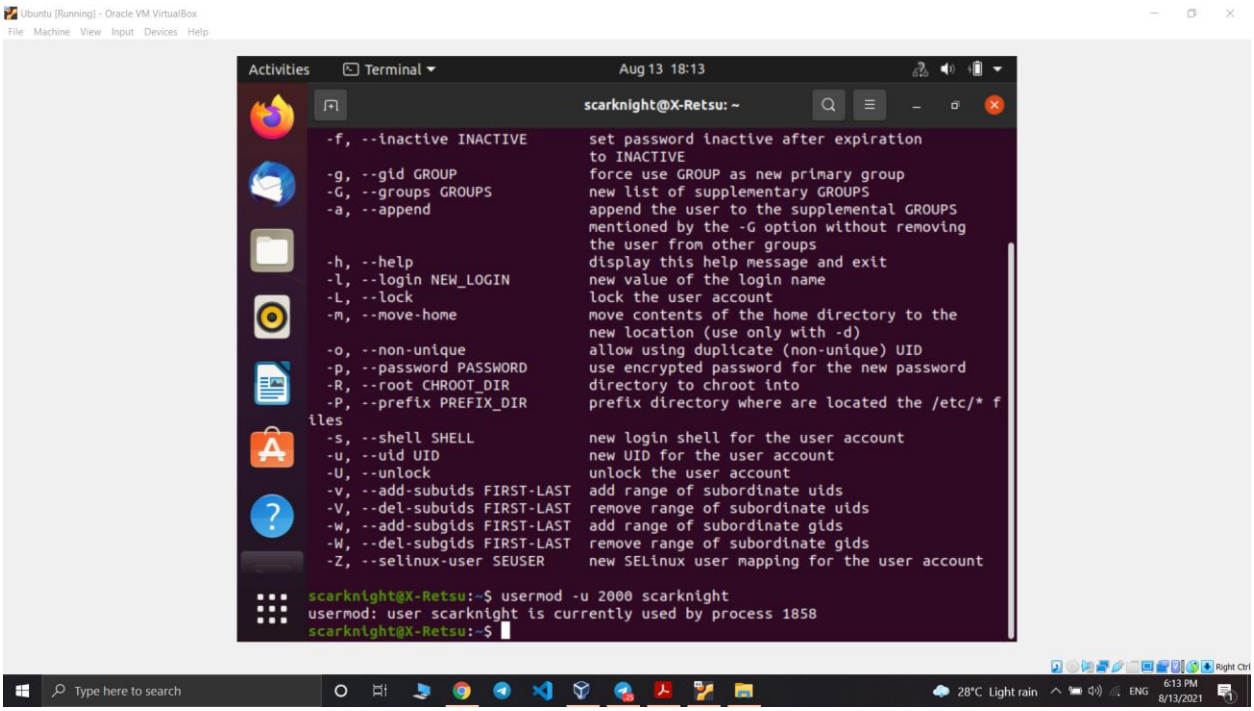
MCA – A[S2]

Basic Linux Commands

1. usermod

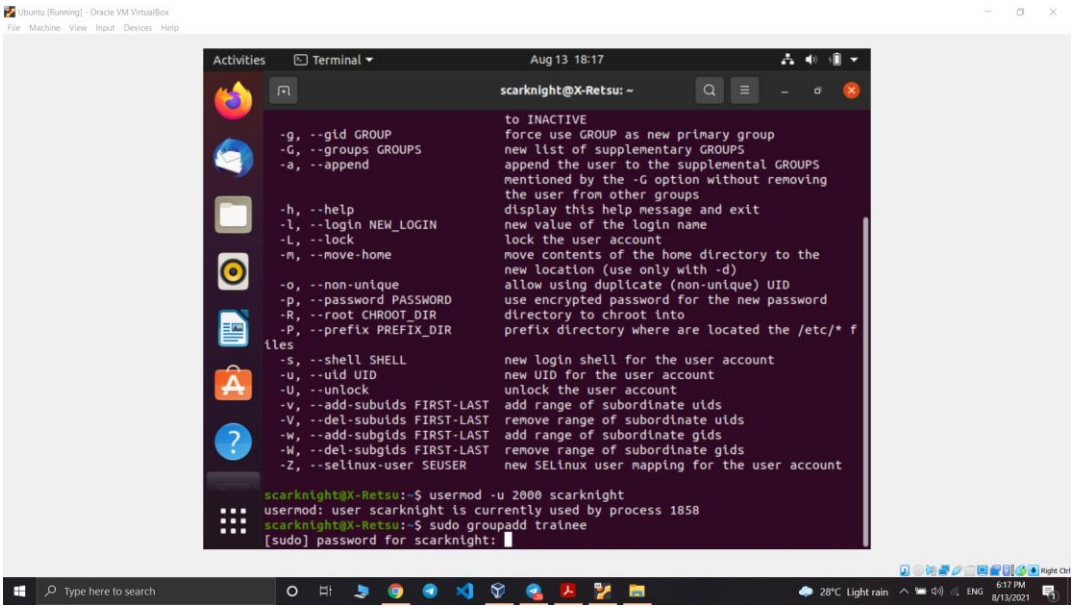
- usermod command is used to change the properties of a user in Linux through the command line
- command-line utility that allows you to modify a user's login information
- #usermod –help
- #usermod –u 2000 Tom





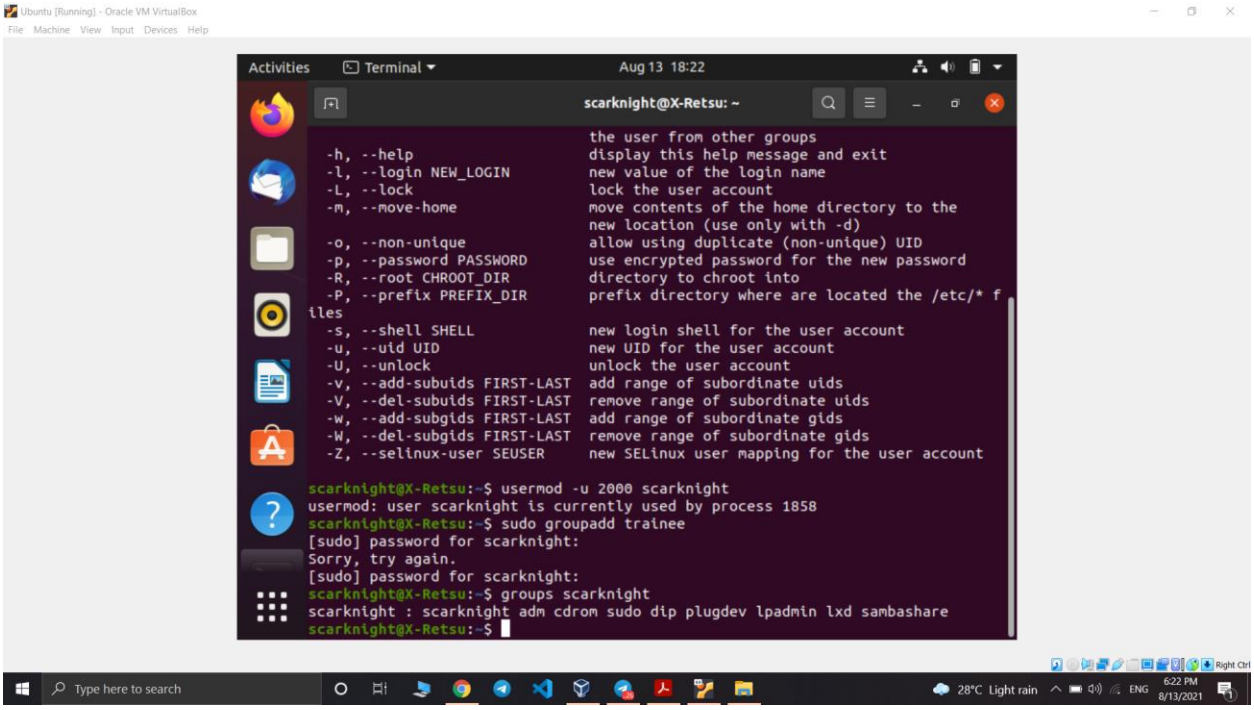
2. groupadd ▪ groupadd command creates a new group account using the values specified on the command line and the default values from the system.

▪ #groupadd trainee



3. groups – print the groups a user is in

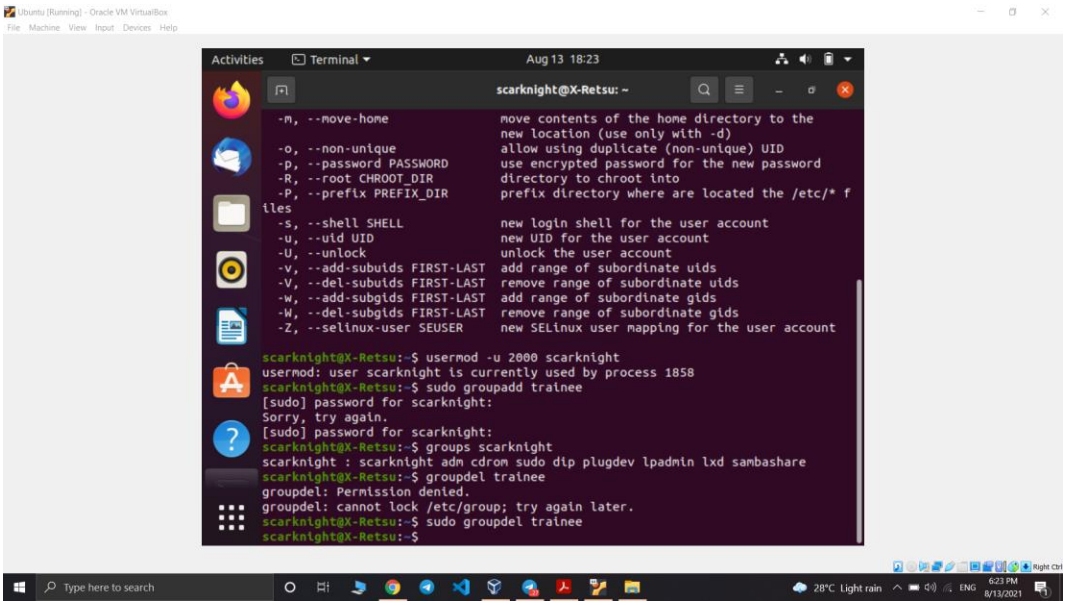
- #groups alice



4. groupdel

- groupdel command modifies the system account files, deleting all entries that refer to group. The named group must exist

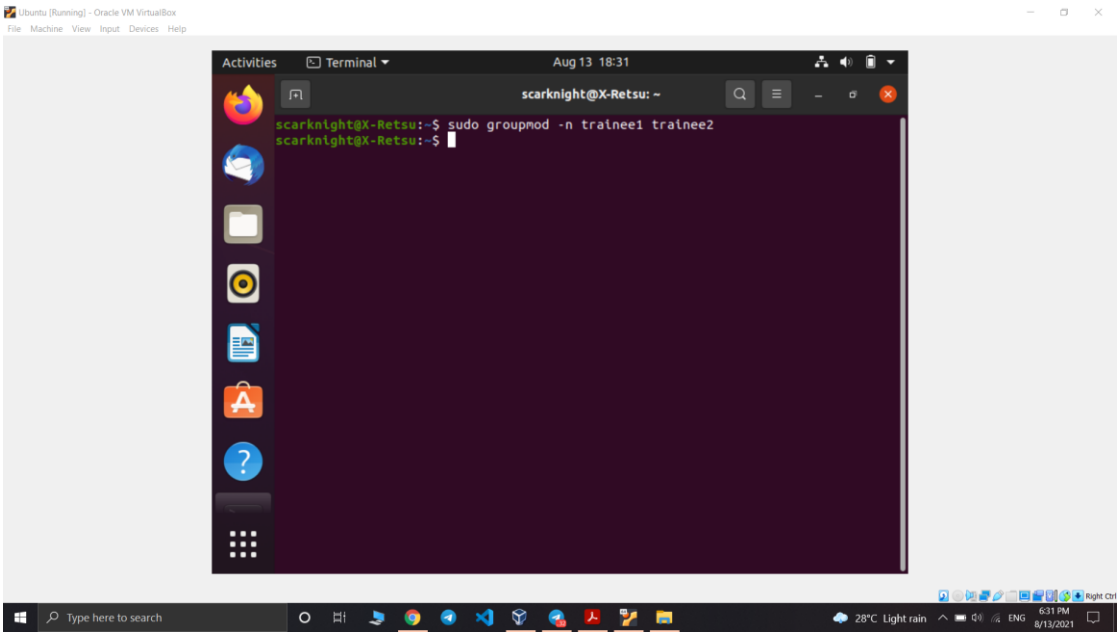
- #groupdel marketing



5. groupmod

- The groupmod command modifies the definition of the specified group by modifying the appropriate entry in the group database.

groupmod -n group1 group2



6. chmod

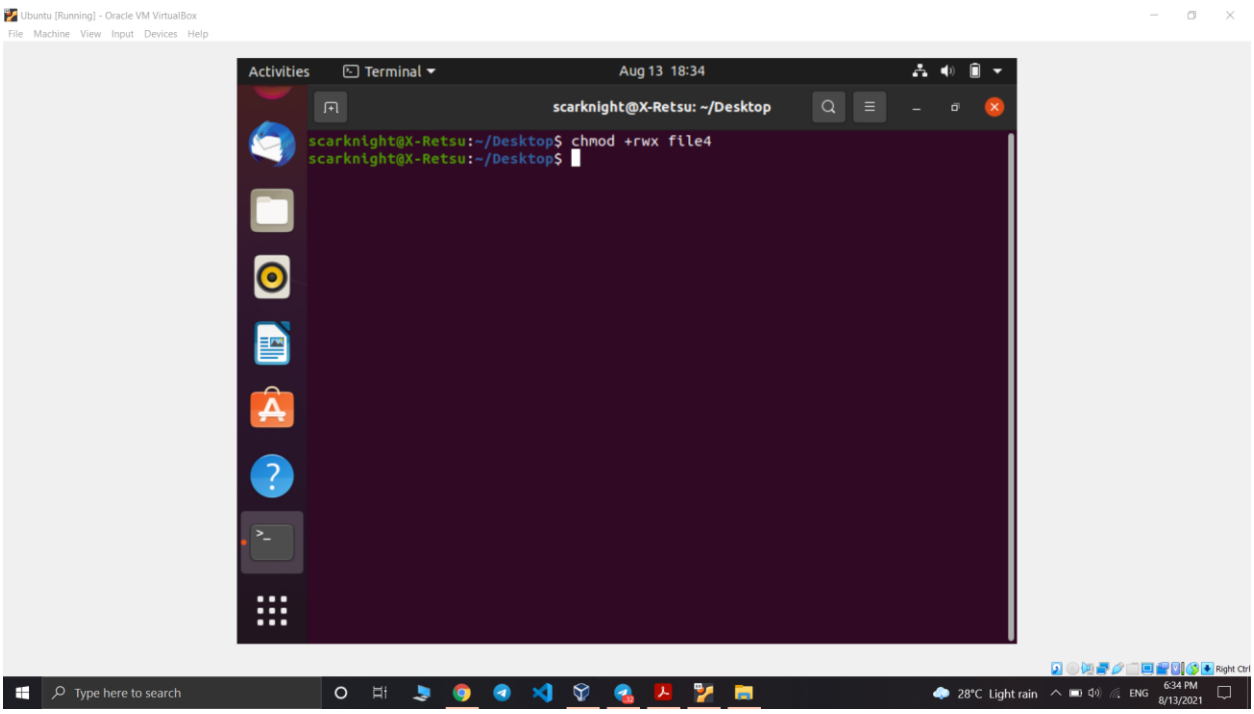
- To change directory permissions of file/ Directory in Linux.

#chmod whowhatwhich file/directory

- chmod +rwx filename to add permissions.
- chmod -rwx directoryname to remove permissions.
- chmod +x filename to allow executable permissions.
- chmod -wx filename to take out write and executable permissions.

#chmod u+x test

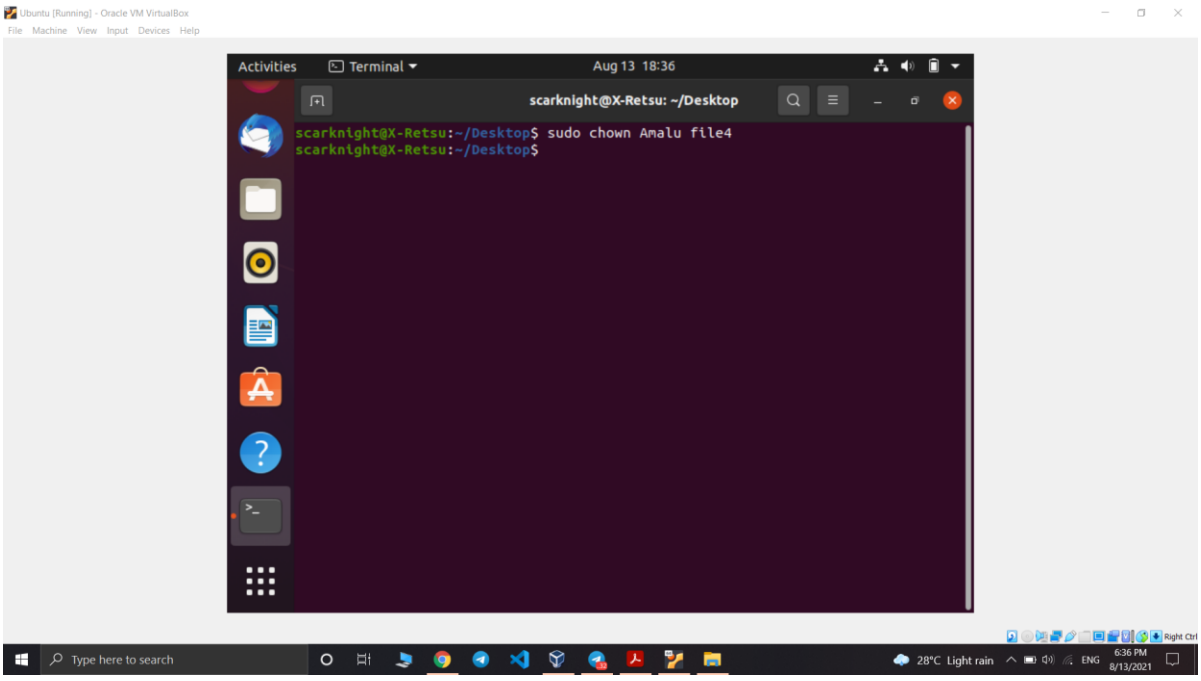
#chmod g-rwx test #chmod o-r test 4



7. chown

- The chown command allows you to change the user and/or group ownership of a given file, directory.

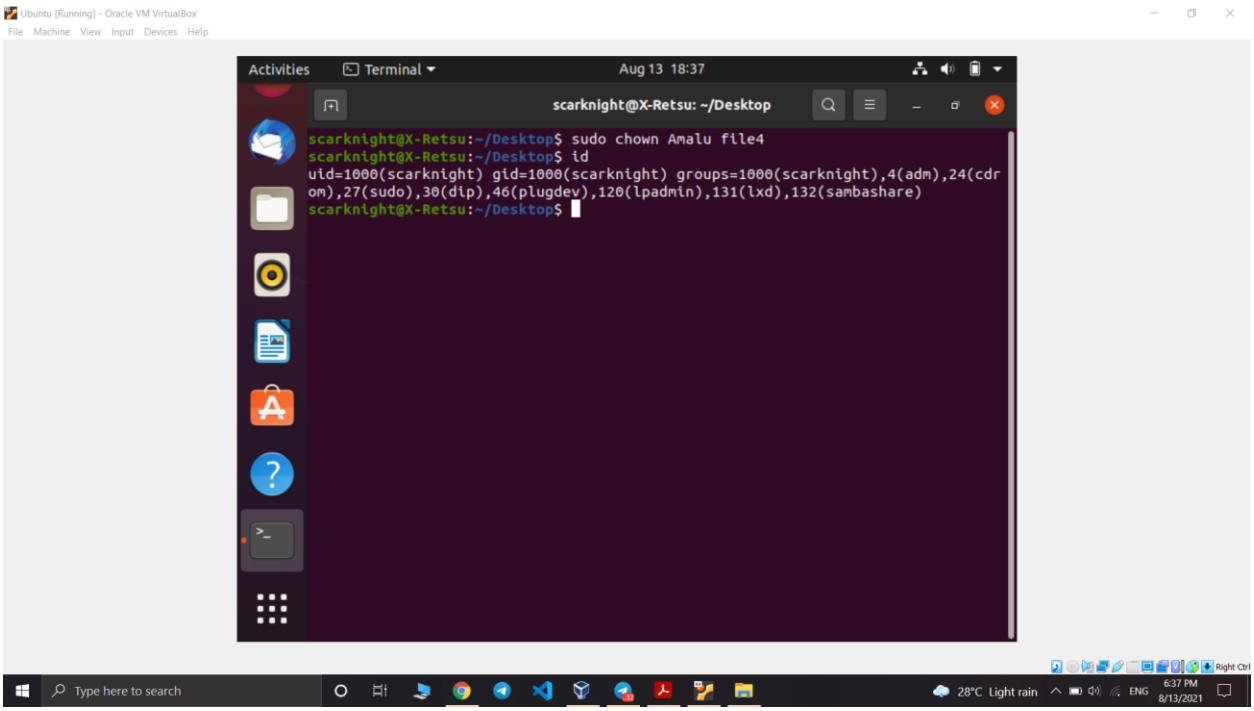
#chown Tom Test



8. id

- id command in Linux is used to find out user and group names and numeric ID's (UID or group ID) of the current user.

- #id



9. ps

- The ps command, short for Process Status, is a command line utility that is used to display or view information related to the processes running in a Linux system.

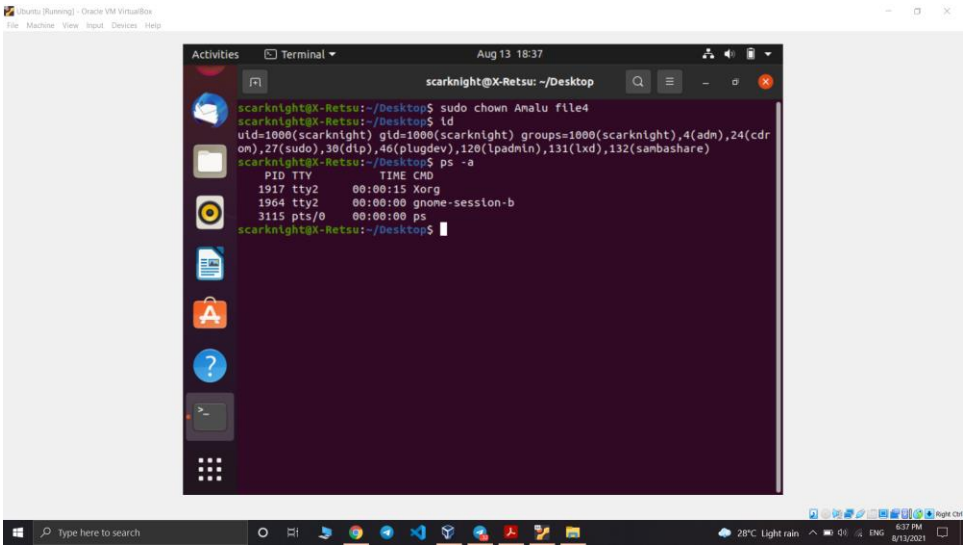
- PID – This is the unique process ID

- TTY – This is the type of terminal that the user is logged in to

- TIME – This is the time in minutes and seconds that the process has been running

- CMD – The command that launched the process

#ps -a



10. top

- top command is used to show the Linux processes. It provides a dynamic real-time view of the running system

#top –u Amalu