

1.How to jump to a particular line in a file using vim editor?

`Vi +5 filename.txt`

The above command will take you to desired line which is 5 in the filename.txt.

2.How do you sort the entries in a text file in ascending order?

`Sort -n numericals.txt`

The above command sort is used to sort the numbers in ascending order.

3.What is the export command used for?

The export command is a built-in utility of Linux Bash shell. It is used to ensure the environment variables and functions to be passed to child processes.

4.How do you check if a particular service is running?

`Service --status all | grep httpd`

It'll display apache web server status.

5.How do you check the status of all the services?

Service –status-all OR ps -aux

It'll show us all the available service status.

6.How do you start and stop a service?

To start a service : sudo systemctl start service.service
where service is the desired service you want to start.

To stop a service : sudo systemctl stop service.service
where service is the desired service you want to stop.

7.Explain the free command.

The free command gives information about used and unused memory usage.

Disk free – Df

Disk usage – Du

To know memory usage : Free-m

To know the memory details like total RAM available in our system : Free

8.Explain chmod command

The command chmod allows you to control exactly who is able to read, edit, or run your files. Each file on

a Linux system has access modes/settings that determine exactly who can do what to the file. Chmod is the command that lets you change these settings.

There are three classes of people:

user (u) : the person who created the file

group (g) : people in a selected group

other (o) : everyone else on the system

For each class of people there are three classes of permissions:

read (r): ability to see the contents of the file

write (w): ability to change the contents of the file

execute (x): ability to execute the contents of the file

Permissions :

0 – No permissions

1 – Only execute

2 – Only write

3 – Only write and execute

4 – Only read

5 – Only read and execute

6 – Only read and write

7 – Read, write, execute

9.Explain grep command

Grep is a command used to search for a string of characters in a specified file. The text search pattern is called a regular expression. When it finds a match, it prints the line with the result.

To find using grep: `Grep -w apple fruits.txt`

Grep will search for apple in fruits.txt

To find a word: `Grep -r "Mango"`

`/home/ineuron/fruits.txt/`

It'll find a word mentioning the path.

To remove a word: `Grep -v "Mango" fruits.txt`

It'll remove mango and show other contents from fruits.txt.

10.What is the use of nano editor?