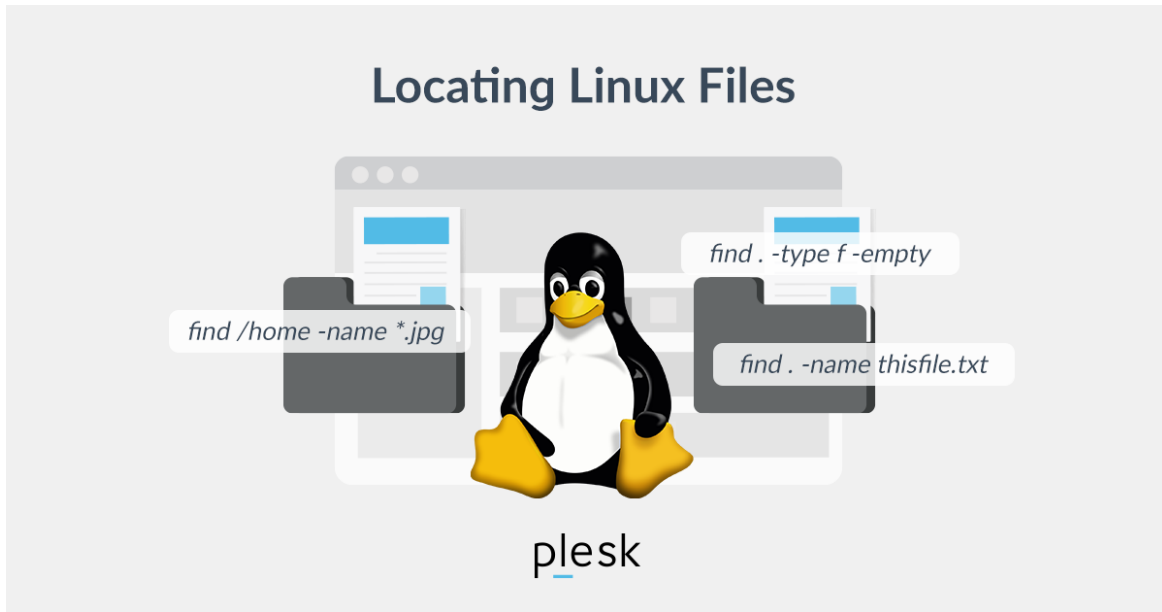# Search and filter

Filter: to check a specific pattern from a file.

Sort

1. **To sort the data inside the file**

sort filename

2. **To reverse the data in the file**

sort -r filename

Grep

1. ***To find the word in the specific file***

grep word filename

2. ***To see the number of that word in that file.***

grep -n word filename

3. ***To check the unique words***

grep -w filename

4. ***Number of words after the particular given word***

grep -A no. word filename

5. ***Number of words before the particular given word***

grep -B no. word filename

6. ***Gives the count of the mentioned word***

grep -wc word filename

7. ***If you want to exclude a word and check the remaining file***

grep -v word filename

8. ***For multiple words***

grep -nE "root|network" filename

9. ***To ignore case-sensitive***

grep -i word filename

10. ***To get the number of that word***

grep -inE "multiple|word" filename

11. ***Count of the words***

grep -icE "multiple|words" filename

Search: to find out the file location

There are two types of search utilities

1. Find   2. Locate

1. **Find-To find the related list of files based on conditions**

find (path)(options)(parameters)

2. **Locate - It searches the path of a file**

updatedb

locate filename

To remove the duplicate lines from the file

- uniq

uniq /filename