Text

Description automatically generated

shows file or directory, size, modified date and time, file or folder name and owner of the file, and its permission.

Text

Description automatically generated

Shows hidden files

Text

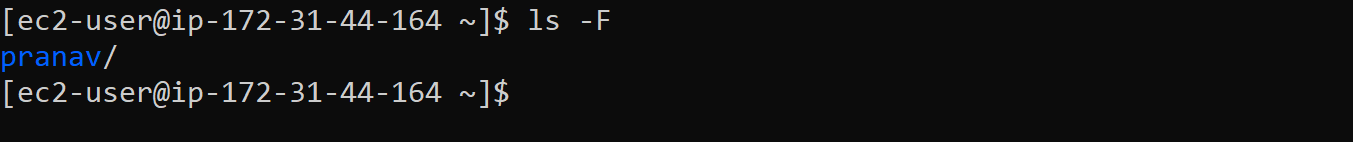
Description automatically generated

With a combination of **-lh** option, shows sizes in a human-readable format.

A screenshot of a computer

Description automatically generated with medium confidence

using the **-F** option with the **ls** command will add the '/' character at the end of each directory.



**ls -R** option will list very long listing directory trees. See an example of the output of the command.

Text

Description automatically generated

A combination of **-ltr** will show the latest modification file or directory date as last.

Text

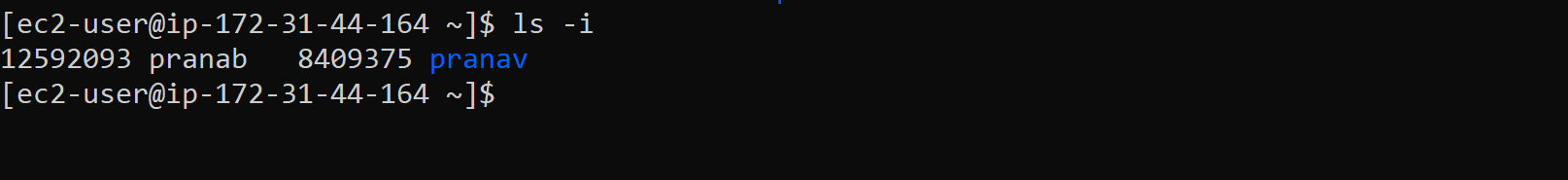
Description automatically generated

With a combination of **-lS** displays file size in order, will display big in size first.

Text

Description automatically generated

We can see some numbers printed before the file/directory name. With **-i** options list file/directory with an inode number.



Show version of ls commands

Text

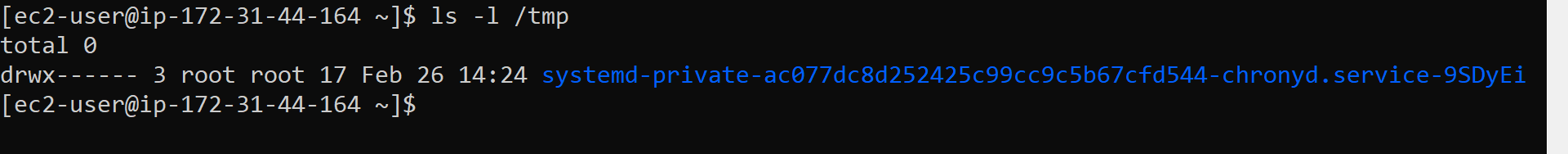
Description automatically generated

Show different option for using ls command

Text

Description automatically generated

Ls-l /tmp displays the file under the tmp folder. Id parameter displays the info of temp directory



To display uid and gid of files and directories

Text

Description automatically generated

 an alias for **ls** command, when we execute ls command it’ll take the **-l** option by default and display a long listing as mentioned earlier.

Text

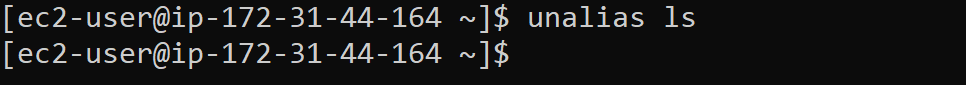
Description automatically generated

We can check alias present in the system

Text

Description automatically generated

We can unalias by using unalias command



 To list contents of any directory, for example **/etc** directory use:

Text

Description automatically generated

**How to Sort Output of ‘ls’ Command By Last Modified Date and Time**

To list files in a directory and sort them last modified date and time, make use of the -t option as in the command below:

$ls -lt

 If you want a reverse sorting files based on date and time, you can use the -r option to work like so:

$ls -ltr

**To list the contents of a directory with times using style, we need to choose any of the below two methods.**

# ls -l –time-style=[STYLE]

STYLE has four options

full-iso

long-iso

iso

locale

+%H:%M:%S:%D

Text

Description automatically generated

Contents of directory can be listed using **ls command** in various format as suggested below.

1. across
2. comma
3. horizontal
4. long
5. single-column
6. verbose
7. vertical

# ls –-format=across

# ls --format=comma

# ls --format=horizontal

# ls --format=long

# ls --format=single-column

# ls --format=verbose

# ls --format=vertical

Text

Description automatically generated with medium confidence

**Sort the contents of directory on the basis of extension, size, time and version.**

We can use options like --extension to sort the output by extension, size by extension --size, time by using extension -t and version using extension -v.

Also we can use option --none which will output in general way without any sorting in actual.

# ls --sort=extension

# ls --sort=size

# ls --sort=time

# ls --sort=version

# ls --sort=none

Text

Description automatically generated

We can manually assign the size of the screen

Text

Description automatically generated

Set manual tab-size of the contents of the directory.default tab size is 8

Text

Description automatically generated

List all the files by size in descending order(default)

Ls -laS

In reverse order

Ls -laSr

Calendar

Description automatically generated

Note

a – all file

h –human redable

R –recursive list all directories

S –sort in descending

r—sort in ascending

l –long print

lt— long list with latest changes