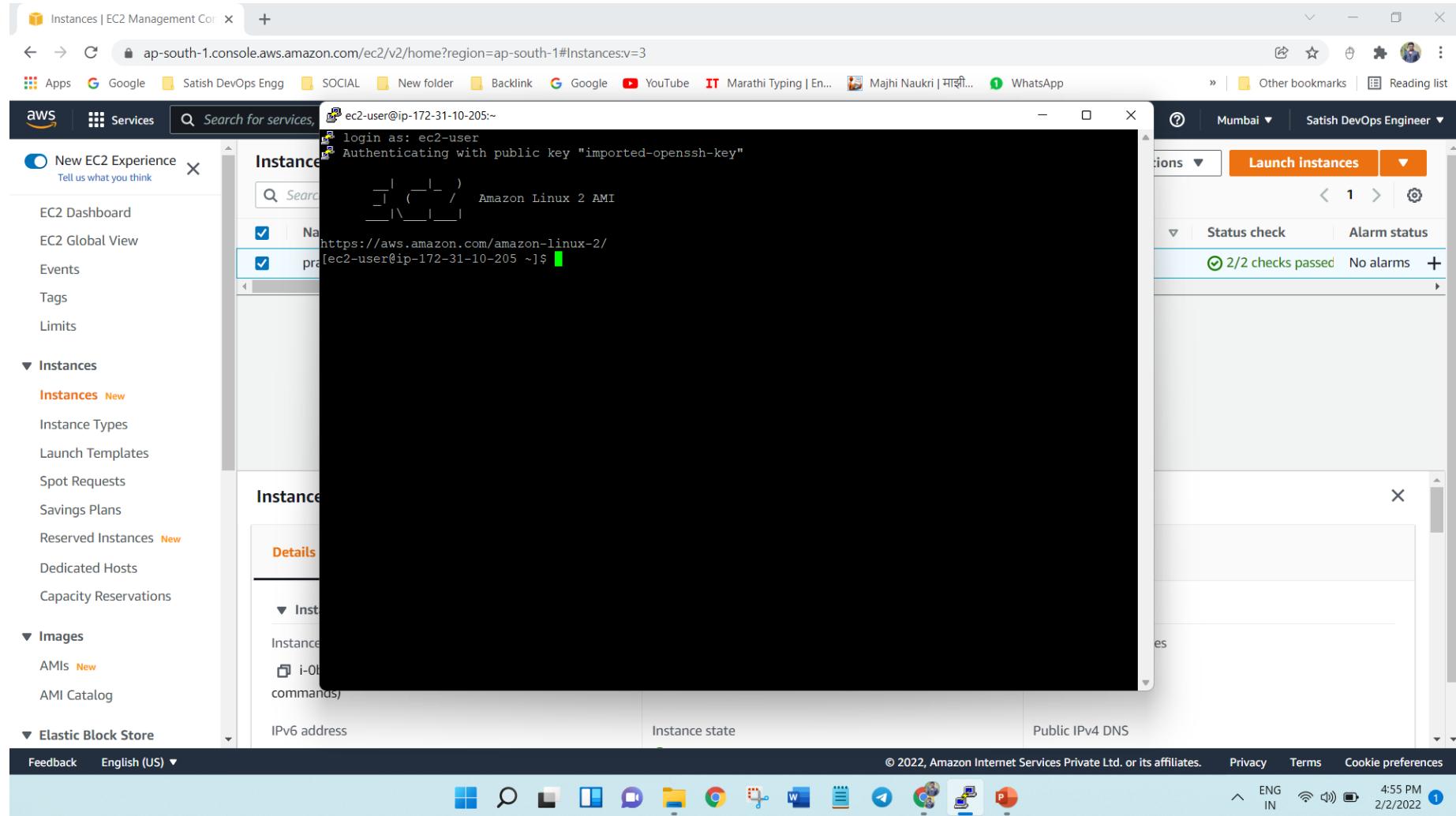


Made By

Satish Rajurkar

Vaibhav Sarode

- Now you know how to create and login to AMAZON EC2 Linux Machine.
 - So please create your instance.
 - And login by using PuTTy application.



- We are logged in to our AMAZON EC2 Linux Machine by Using PuTTy

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'ec2-user@ip-172-31-10-205:~'. It contains several blank lines of text, followed by the command 'ifconfig' which is partially typed at the bottom. In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. The window has a menu bar with options like File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Run, Plugins, Window, and Help. Below the menu is a toolbar with various icons. The main text area of the Notepad++ window displays the following code:

```
1
2 Command 1 :
3
4
5 ifconfig
```

At the bottom of the Notepad++ window, there are status indicators: Ln : 5 Col : 12 Pos : 33, Windows (CR LF), UTF-8, and INS. The desktop taskbar at the bottom features the Start button, a search icon, and icons for various applications including File Explorer, Edge, and Microsoft Word. On the right side of the taskbar, there are system status icons for battery, signal strength, and volume, along with the date and time (5:12 PM, 2/2/2022).

- Here we have used **ifconfig** command.
- It is used to check IP of our instance.

The screenshot shows a Windows desktop environment. In the foreground, there is a terminal window titled 'cmd' with the command 'ifconfig' entered and its output displayed. The output shows network interface details for 'eth0' and 'lo'. In the background, there is a Notepad++ window titled 'new 1 - Notepad++' containing the text 'Command 1 : ifconfig'. The desktop taskbar at the bottom shows various pinned icons, and the system tray indicates the date and time as 2/2/2022 5:12 PM.

```
[ec2-user@ip-172-31-10-205 ~]$ ifconfig
[ec2-user@ip-172-31-10-205 ~]$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 9001
      inet 172.31.10.205 netmask 255.255.240.0 broadcast 172.31.15.255
      inet6 fe80::851:73ff:fe3f:36b6 prefixlen 64 scopeid 0x20<link>
        ether 0a:51:73:3f:36:b6 txqueuelen 1000 (Ethernet)
          RX packets 52150 bytes 71952015 (68.6 MiB)
          RX errors 0 dropped 0 overruns 0 frame 0
          TX packets 5216 bytes 365991 (357.4 KiB)
          TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
      inet 127.0.0.1 netmask 255.0.0.0
      inet6 ::1 prefixlen 128 scopeid 0x10<host>
        loop txqueuelen 1000 (Local Loopback)
          RX packets 24 bytes 1944 (1.8 KiB)
          RX errors 0 dropped 0 overruns 0 frame 0
          TX packets 24 bytes 1944 (1.8 KiB)
          TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

[ec2-user@ip-172-31-10-205 ~]$
```

- Put **ifconfig** command and press enter.
- Then you will get your IP in result.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'cmd' with the command 'hostname' entered and its output displayed. In the top-right corner, there is a Notepad++ window titled 'new 1 - Notepad++' containing the text 'Command 2 :'. The Notepad++ window has a status bar at the bottom showing file statistics. The taskbar at the bottom of the screen displays various pinned icons for applications like File Explorer, Edge, and Mail, along with system status indicators for battery, signal, and volume. The system tray shows the date and time as '5:13 PM 2/2/2022'.

```
[ec2-user@ip-172-31-10-205 ~]$ hostname
```

*new 1 - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run
Plugins Window ?
new 1
1
2 Command 2 :
3
4
5 hostname
Ln : 5 Col : 12 Pos : 33 Windows (CR LF) UTF-8 INS ↵
5:13 PM 2/2/2022

- Put **hostname** command and press enter.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'ec2-user@ip-172-31-10-205:~'. It displays a series of command-line entries, starting with several empty lines followed by the command 'hostname' which outputs the host name 'ip-172-31-10-205.ap-south-1.compute.internal'. In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. The file contains five lines of text: '1', '2 Command 2 :', '3', '4', and '5 hostname'. The word 'hostname' is highlighted with a purple selection bar. The bottom of the screen shows the Windows taskbar with various pinned icons and system status indicators.

```
[ec2-user@ip-172-31-10-205 ~]$  
[ec2-user@ip-172-31-10-205 ~]$ hostname  
ip-172-31-10-205.ap-south-1.compute.internal  
[ec2-user@ip-172-31-10-205 ~]$
```

*new 1 - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run
Plugins Window ?

1
2 Command 2 :
3
4
5 hostname

Ln : 5 Col : 12 Pos : 33 Windows (CR LF) UTF-8 INS

5:13 PM 2/2/2022 ENG IN WiFi 2/2/2022 1

- Then you will get your **hostname** in result.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'cmd' with the following text:

```
[ec2-user@ip-172-31-10-205 ~]$  
[ec2-user@ip-172-31-10-205 ~]$  
[ec2-user@ip-172-31-10-205 ~]$  
[ec2-user@ip-172-31-10-205 ~]$  
[ec2-user@ip-172-31-10-205 ~]$ sudo su -
```

In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. The text in the editor is:

```
1  
2 Command 3 :  
3  
4  
5 sudo su -
```

The status bar at the bottom of the Notepad++ window displays:

Ln : 5 Col : 13 Pos : 34 Windows (CR LF) UTF-8 INS

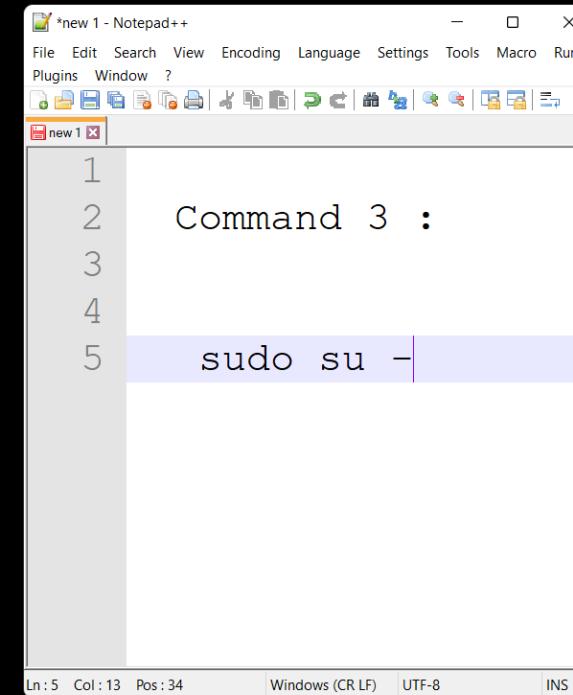
The taskbar at the bottom of the screen shows several pinned icons, including File Explorer, Task View, Start, Search, Taskbar settings, File, Home, Mail, Photos, OneDrive, Microsoft Edge, Google Chrome, Microsoft Word, Microsoft Excel, Microsoft Powerpoint, Microsoft Teams, and Microsoft Snipping Tool.

The system tray in the bottom right corner shows the following information:

ENG IN WiFi 5:14 PM 2/2/2022

- Put **sudo su -** command and press enter.

```
[root@ip-172-31-10-205 ~]
[ec2-user@ip-172-31-10-205 ~]$ [ec2-user@ip-172-31-10-205 ~]$ [ec2-user@ip-172-31-10-205 ~]$ [ec2-user@ip-172-31-10-205 ~]$ [ec2-user@ip-172-31-10-205 ~]$ [ec2-user@ip-172-31-10-205 ~]$ sudo su -
Last login: Wed Feb  2 11:40:01 UTC 2022 on pts/0
[root@ip-172-31-10-205 ~]# [ ]
```



Ln : 5 Col : 13 Pos : 34 Windows (CR LF) UTF-8 INS



- Then you will switch as a **Root User**

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205:~'. It contains a series of identical command-line entries, each starting with '[root@ip-172-31-10-205 ~]#' followed by a blank line. The last entry is '[root@ip-172-31-10-205 ~]# sudo su - ec2-user' with the cursor positioned at the end of the line. In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. The main text area of the Notepad++ window contains the text 'Command 3 :'. Below this, line 5 of the file is highlighted in purple and contains the command 'sudo su - ec2-user'. The status bar at the bottom of the Notepad++ window shows 'Ln : 5 Col : 22 Pos : 43' and 'Windows (CR LF) | UTF-8 | INS'. The taskbar at the bottom of the screen displays various pinned icons for Microsoft Office applications like File Explorer, Edge, and Word, along with other system icons. The system tray on the right side of the taskbar shows the date and time as '5:15 PM 2/2/2022'.

- Put **sudo su – ec2-user** command and press enter.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'ec2-user@ip-172-31-10-205:~'. The terminal output shows several root shell sessions followed by a successful transition to an ec2-user session:

```
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]# sudo su - ec2-user
Last login: Wed Feb  2 11:41:25 UTC 2022 on pts/0
[ec2-user@ip-172-31-10-205 ~]$
```

In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. The file contains the following text:

```
1 Command 3 :
2
3
4
5 sudo su - ec2-user
```

The status bar at the bottom of the screen displays the following information:

Ln : 5 Col : 22 Pos : 43 Windows (CR LF) UTF-8 INS

At the very bottom of the screen, the taskbar shows various pinned icons, and the system tray indicates the date and time as 5:16 PM, 2/2/2022.

- Then you will switch as a **EC2-User**

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205/home/ec2-user'. The terminal has a black background and contains the following text:

```
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]# pwd
```

In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. The Notepad++ window has a white background and contains the following text:

```
1 Command 4 :
2
3
4
5 pwd
```

The status bar at the bottom of the Notepad++ window displays the following information:

Ln:5 Col:6 Pos:27 Windows (CR LF) UTF-8 INS

The taskbar at the bottom of the screen shows several pinned icons, including File Explorer, Task View, Start, Search, Taskbar settings, Edge, File Explorer, Microsoft Word, Microsoft Excel, Microsoft Powerpoint, Microsoft OneDrive, Microsoft Teams, Microsoft Edge, and Microsoft Store.

- Put **pwd** command and press enter.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205/home/ec2-user'. The terminal output is as follows:

```
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]# pwd
/home/ec2-user
[root@ip-172-31-10-205 ~]#
```

In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. The content of the file is:

```
1 Command 4 :
2
3
4
5 pwd
```

The status bar at the bottom of the Notepad++ window displays: Ln:5 Col:6 Pos:27 Windows (CR LF) UTF-8 INS.

The taskbar at the bottom of the screen contains several pinned icons, including File Explorer, Task View, Start, Search, Taskbar settings, Edge, Google Chrome, Microsoft Word, Microsoft Excel, Microsoft Powerpoint, Microsoft OneNote, Microsoft Teams, and Microsoft Edge. On the far right of the taskbar, it shows the date and time as 5:17 PM 2/2/2022.

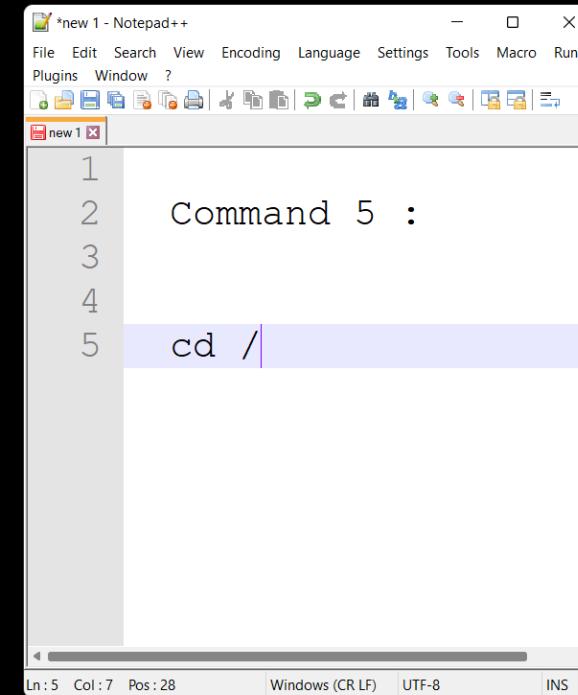
- Then you will get Print Working Directory

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205:~'. It contains a history of commands entered by the root user, including multiple instances of pressing the up arrow key, followed by 'pwd' and 'cd /'. In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. The text area contains the following content:

```
1 Command 5 :  
2  
3  
4  
5 cd /
```

The Notepad++ status bar at the bottom shows 'Ln:5 Col:7 Pos: 28' and file formats 'Windows (CR LF)', 'UTF-8', and 'INS'. The taskbar at the bottom of the screen displays various pinned icons for common Windows applications like File Explorer, Task View, and Microsoft Office. The system tray on the right shows the date and time as '5:24 PM 2/2/2022'.

- Put **cd /** command and press enter.
- It is for changing directory.



- Then you will go inside root directory.

The screenshot shows a Notepad++ window with the title bar "new 1 - Notepad++". The menu bar includes File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Run, Plugins, Window, and ?.

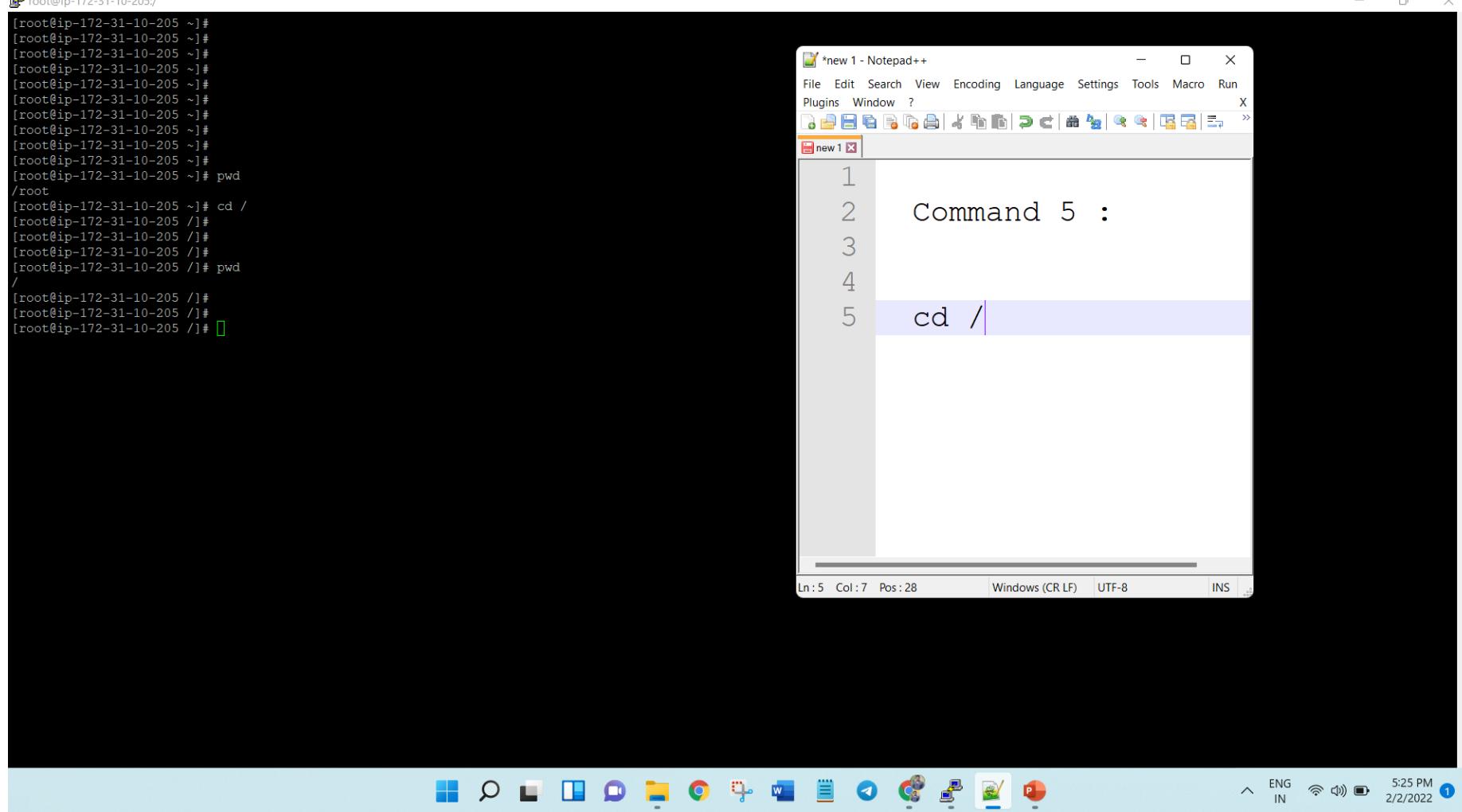
The toolbar contains icons for file operations like Open, Save, Print, Find, Replace, and others.

The main editor area displays the following text:

```
1
2     Command 5 :
3
4
5 cd /
```

The line "cd /" is highlighted with a light purple background.

The status bar at the bottom shows "Ln : 5 Col : 7 Pos : 28", "Windows (CR LF)", "UTF-8", and "INS".



- Checked path of directory.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205:/'. It contains a series of identical command-line entries, each starting with '[root@ip-172-31-10-205 /]#' followed by a blank line. The last entry is '[root@ip-172-31-10-205 /]# ls' with the cursor at the end of the line.

In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. The text area contains the following code:

```
1 Command 6 :  
2  
3  
4  
5 ls
```

The Notepad++ status bar at the bottom shows 'Ln:5 Col:5 Pos:26' and file formats 'Windows (CR LF)', 'UTF-8', and 'INS'. The taskbar at the bottom of the screen displays various application icons, including File Explorer, Task View, Start, Search, Edge, Google Chrome, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft OneDrive, Microsoft Teams, and Microsoft Edge. The system tray shows the language is set to 'ENG IN', the date and time are '5:26 PM 2/2/2022', and there is a blue circular notification icon.

- Put **ls** command and press enter.

```
[root@ip-172-31-10-205 ~]# ls bin boot dev etc home lib lib64 local media mnt opt proc root run sbin srv sys tmp us [root@ip-172-31-10-205 ~]#
```

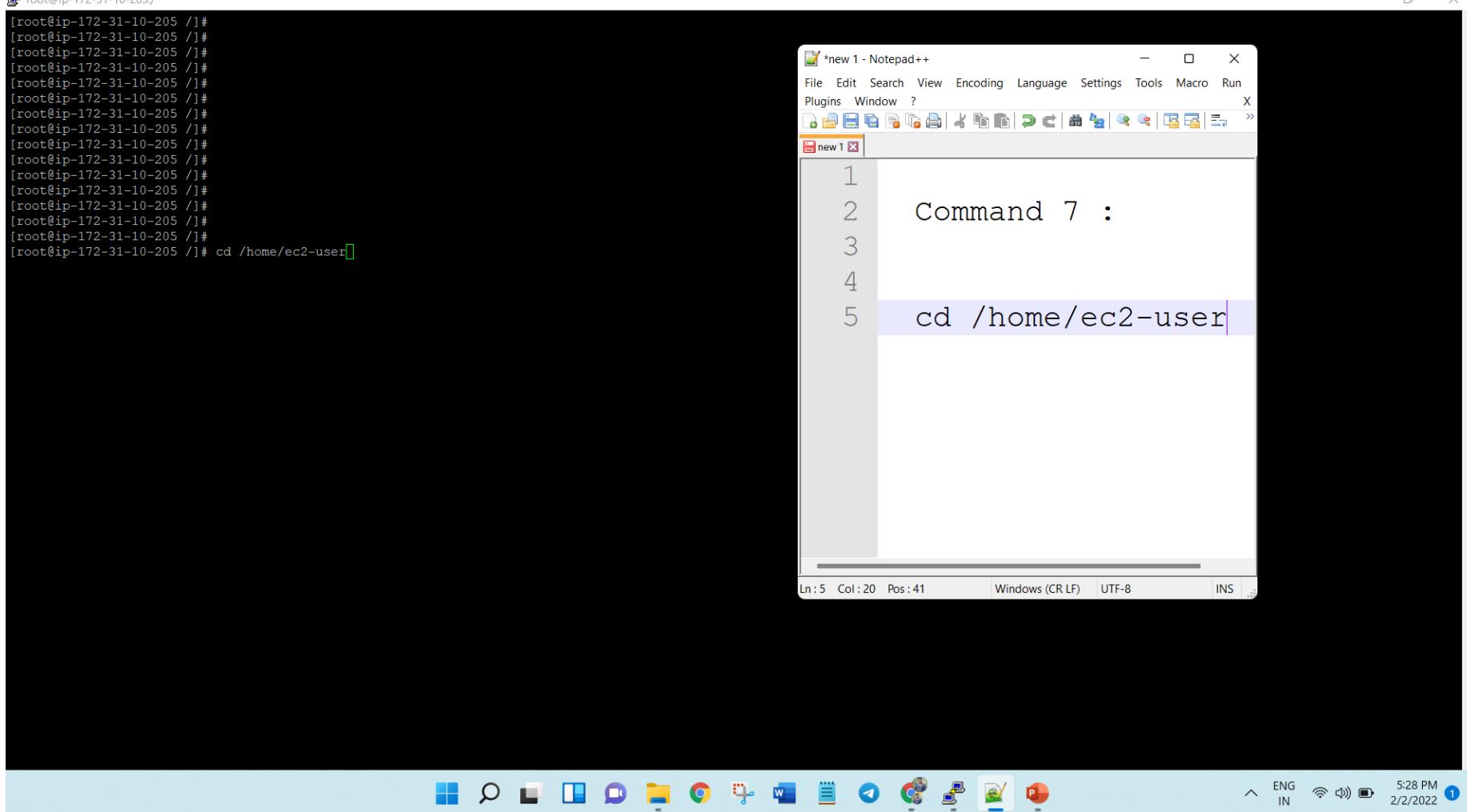
Command 6 :

1s

- You will get list of all directories.

The screenshot shows a Notepad++ window with the title bar "new 1 - Notepad++". The menu bar includes File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Plugins, Window, and Help. Below the menu is a toolbar with icons for file operations like Open, Save, Print, and Find. A status bar at the bottom displays "In : 5 Col : 20 Pos : 41", "Windows (CR LF)", "UTF-8", and "INS". The main editor area contains the following text:

```
1
2 Command 7 :
3
4
5 cd /home/ec2-user
```



- Put `cd /home/ec2-user` command and press enter.

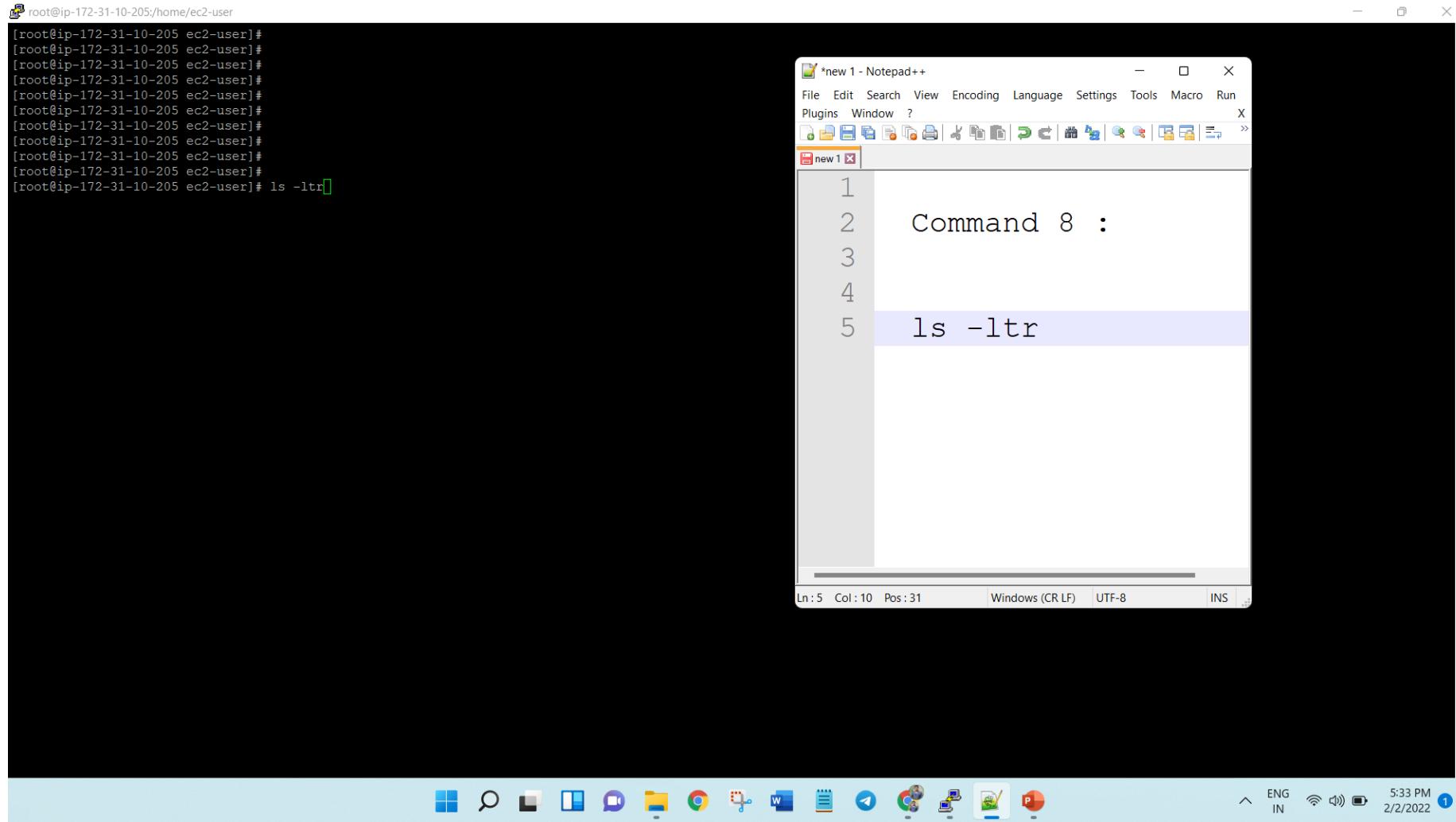


- You will be login as ec2-user
 - Here we used **pwd** for checking our location in directory.

```
[root@ip-172-31-10-205 ~]# ls -ltr
```

Command 8 :

5 ls -ltr



- Put `ls -ltr` command and press enter.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205/home/ec2-user'. The terminal output is as follows:

```
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]# ls -ltr
total 0
[root@ip-172-31-10-205 ~]#
```

In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. The content of the Notepad++ window is:

```
1 Command 8 :
2
3
4
5 ls -litr
```

The status bar at the bottom of the screen displays the following information:

Ln : 5 Col : 10 Pos : 31 Windows (CR LF) UTF-8 INS

At the bottom right, the system tray shows the date and time as 5:34 PM 2/2/2022.

- Here we got result as **total 0** because there is no file existing in that directory.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205:~' with a black background and white text. The terminal session shows a user navigating through the file system, starting from the root directory, and executing the 'ls -ltr' command to list files. In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++' with a white background and black text. The Notepad++ window contains the text 'Command 8 : ls -ltr'. The bottom of the screen features a taskbar with various icons for common applications like File Explorer, Edge, and Microsoft Word. The system tray in the bottom-right corner displays the date and time as '5:37 PM 2/2/2022'.

```
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]# ls -ltr
total 0
[root@ip-172-31-10-205 ~]# cd /
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]# cd -
/home/ec2-user
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]# cd -
/
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]# ls -ltr
```

- Then we gone inside root directory
- Put **ls –ltr** command and press enter.

The screenshot shows a Windows desktop environment. In the foreground, there is a terminal window titled '[root@ip-172-31-10-205 ~]#'. The terminal displays a series of commands and their outputs, starting with several blank lines, then an 'ls -ltr' command which lists the contents of the root directory with detailed file information. Following this, another 'ls -ltr' command is run, resulting in a list of 12 files and directories. The terminal window has a light blue title bar and a dark background. Below the terminal is a taskbar with various icons for common applications like File Explorer, Google Chrome, and Microsoft Word.

The background of the desktop features a Notepad++ application window titled '*new 1 - Notepad++'. The main pane of Notepad++ contains the text 'Command 8 :'. Below this, the terminal's output for the second 'ls -ltr' command is displayed. The Notepad++ interface includes a toolbar with various icons, a menu bar with options like File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Run, Plugins, Window, and Help, and status bars at the bottom showing 'Ln:5 Col:10 Pos:31', 'Windows (CR LF)', 'UTF-8', and 'INS'.

```
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]# ls -ltr
total 0
[root@ip-172-31-10-205 ~]# cd /
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]# cd -
/home/ec2-user
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]# cd -
/
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]# ls -ltr
total 12
drwxr-xr-x  2 root root   6 Apr  9  2019 srv
drwxr-xr-x  2 root root   6 Apr  9  2019 mnt
drwxr-xr-x  2 root root   6 Apr  9  2019 media
drwxr-xr-x  2 root root   6 Jan 24 18:27 local
lrwxrwxrwx  1 root root   8 Jan 24 18:28 sbin --> usr/sbin
lrwxrwxrwx  1 root root   9 Jan 24 18:28 lib64 --> usr/lib64
lrwxrwxrwx  1 root root   7 Jan 24 18:28 lib --> usr/lib
lrwxrwxrwx  1 root root   7 Jan 24 18:28 bin --> usr/bin
drwxr-xr-x 13 root root 155 Jan 24 18:28 usr
drwxr-xr-x  4 root root  27 Jan 24 18:29 opt
dr-xr-xr-x  4 root root 332 Jan 24 18:29 boot
dr-xr-xr-x  13 root root   0 Feb  2 11:16 sys
dr-xr-xr-x 178 root root   0 Feb  2 11:16 proc
drwxr-xr-x  19 root root 269 Feb  2 11:16 var
drwxr-xr-x  15 root root 2900 Feb  2 11:16 dev
drwxr-xr-x  3 root root  22 Feb  2 11:16 home
dr-xr-x---  3 root root 103 Feb  2 11:16 root
drwxr-xr-x  80 root root 8192 Feb  2 11:16 etc
drwxr-xr-x  28 root root  960 Feb  2 11:16 run
drwxrwxrwt  8 root root 172 Feb  2 11:16 tmp
[root@ip-172-31-10-205 /]#
```

- Then you will able to see list of directories present inside root.
- In this type you will get result sorted by old time first. (**Recursive**)

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205:/'. It contains a series of identical command-line entries, each starting with '[root@ip-172-31-10-205 /]#'. The last entry is '[root@ip-172-31-10-205 /]# ls -l'. To the right of the terminal is a Notepad++ window titled '*new 1 - Notepad++'. The Notepad++ window has a menu bar with File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Run, Plugins, Window, and Help. Below the menu is a toolbar with various icons. The main text area of the Notepad++ window displays the following text:

```
1 Command 9 :  
2  
3  
4  
5 ls -l
```

The status bar at the bottom of the Notepad++ window shows 'Ln:5 Col:8 Pos:29' and 'Windows (CR LF) | UTF-8 | INS'. At the very bottom of the screen is the Windows taskbar, which includes icons for Start, Search, Task View, File Explorer, Edge, Google Chrome, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft OneNote, Microsoft Outlook, and Microsoft Teams. On the far right of the taskbar, it shows 'ENG IN', a signal strength icon, a battery icon, '5:43 PM', and the date '2/2/2022'.

- Put **ls –l** command and press enter.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled '[root@ip-172-31-10-205 /]#'. It displays a series of '#' characters followed by the command 'ls -l' and its output, which lists various system files and directories. In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. The text area contains the number '1' on line 1, the text 'Command 9 :' on line 2, and the command 'ls -l' on line 5, which is currently being typed. The Notepad++ status bar at the bottom shows 'Ln:5 Col:8 Pos:29' and 'Windows (CR LF) | UTF-8 | INS'. The taskbar at the bottom of the screen contains several pinned icons, including File Explorer, Task View, Start, Search, Taskbar settings, Edge, Google Chrome, Microsoft Word, Microsoft Excel, Microsoft Powerpoint, Microsoft OneNote, Microsoft Teams, and Microsoft Edge. The system tray on the right side of the taskbar shows the date and time as '5:43 PM 2/2/2022'.

```
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]# ls -l
total 12
lrwxrwxrwx  1 root root    7 Jan 24 18:28 bin -> usr/bin
dr-xr-xr-x  4 root root  332 Jan 24 18:29 boot
drwxr-xr-x 15 root root 2900 Feb  2 11:16 dev
drwxr-xr-x 80 root root 8192 Feb  2 11:16 etc
drwxr-xr-x  3 root root   22 Feb  2 11:16 home
lrwxrwxrwx  1 root root    7 Jan 24 18:28 lib -> usr/lib
lrwxrwxrwx  1 root root    9 Jan 24 18:28 lib64 -> usr/lib64
drwxr-xr-x  2 root root   6 Jan 24 18:27 local
drwxr-xr-x  2 root root   6 Apr  9 2019 media
drwxr-xr-x  2 root root   6 Apr  9 2019 mnt
drwxr-xr-x  4 root root  27 Jan 24 18:29 opt
dr-xr-xr-x 177 root root   0 Feb  2 11:16 proc
dr-xr-x---  3 root root 103 Feb  2 11:16 root
drwxr-xr-x  28 root root 960 Feb  2 11:16 run
lrwxrwxrwx  1 root root   8 Jan 24 18:28 sbin -> usr/sbin
drwxr-xr-x  2 root root   6 Apr  9 2019 srv
dr-xr-xr-x 13 root root   0 Feb  2 11:16 sys
drwxrwxrwt  8 root root 172 Feb  2 11:16 tmp
drwxr-xr-x 13 root root 155 Jan 24 18:28 usr
drwxr-xr-x 19 root root 269 Feb  2 11:16 var
[root@ip-172-31-10-205 /]#
```

- You will get list of all directories.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205:/'. It contains a series of identical command-line entries, each starting with '[root@ip-172-31-10-205 /]#' followed by a blank line. The last entry is '[root@ip-172-31-10-205 /]# ls -lt[]'. In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. The text area contains five numbered lines: 1, 2, 3, 4, and 5. Line 5 contains the command 'ls -lt' with the cursor positioned at the end of it. The Notepad++ status bar at the bottom shows 'Ln:5 Col:9 Pos: 31' and file encoding information. The taskbar at the bottom of the screen displays various pinned icons for common Windows applications like File Explorer, Task View, and Microsoft Edge. The system tray on the right side of the taskbar shows the date and time as '5:43 PM 2/2/2022'.

- Put **ls –lt** command and press enter.

The screenshot shows a Windows desktop environment. In the foreground, there is a terminal window titled '[root@ip-172-31-10-205 /]#'. It displays a command-line session where the user runs 'ls -lt' to list files and directories in the root directory, sorted by modification time. The output shows various system files like tmp, run, etc., and directories like dev, var, proc, sys, boot, opt, usr, bin, lib, lib64, sbin, media, mnt, and srv. The terminal window has a black background with white text. In the background, there is a Notepad++ window titled '*new 1 - Notepad++'. The text area contains the command 'ls -lt' followed by a colon. The Notepad++ interface includes a toolbar with various icons, a menu bar with File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Run, Plugins, Window, and Help, and status bars at the bottom indicating Ln:5 Col:9 Pos:31, Windows (CR LF), UTF-8, and INS mode. The taskbar at the bottom of the screen shows several pinned application icons, including File Explorer, Task View, Start, Search, Taskbar View, File Manager, Google Chrome, Microsoft Word, Microsoft Excel, Microsoft Edge, and others. The system tray shows the date and time as 5:44 PM 2/2/2022, along with icons for battery, signal strength, and network.

```
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]# ls -lt
total 12
drwxrwxrwt  8 root root  172 Feb  2 11:16 tmp
drwxr-xr-x  28 root root  960 Feb  2 11:16 run
drwxr-xr-x  80 root root 8192 Feb  2 11:16 etc
dr-xr-x---  3 root root  103 Feb  2 11:16 root
drwxr-xr-x  3 root root  22 Feb  2 11:16 home
drwxr-xr-x  15 root root 2900 Feb  2 11:16 dev
drwxr-xr-x  19 root root  269 Feb  2 11:16 var
dr-xr-xr-x 177 root root   0 Feb  2 11:16 proc
dr-xr-xr-x  13 root root   0 Feb  2 11:16 sys
dr-xr-xr-x  4 root root  332 Jan 24 18:29 boot
drwxr-xr-x  4 root root  27 Jan 24 18:29 opt
drwxr-xr-x  13 root root 155 Jan 24 18:28 usr
lrwxrwxrwx  1 root root   7 Jan 24 18:28 bin -> usr/bin
lrwxrwxrwx  1 root root   7 Jan 24 18:28 lib -> usr/lib
lrwxrwxrwx  1 root root   9 Jan 24 18:28 lib64 -> usr/lib64
lrwxrwxrwx  1 root root   8 Jan 24 18:28 sbin -> usr/sbin
drwxr-xr-x  2 root root   6 Jan 24 18:27 local
drwxr-xr-x  2 root root   6 Apr  9 2019 media
drwxr-xr-x  2 root root   6 Apr  9 2019 mnt
drwxr-xr-x  2 root root   6 Apr  9 2019 srv
[root@ip-172-31-10-205 /]#
```

1
2 Command 10 :
3
4
5 ls -lt

- Then you will get list of directories sorted by latest time.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205:/'. It contains a series of identical command-line entries, each starting with '[root@ip-172-31-10-205 /]#' followed by a blank line. The last entry is '[root@ip-172-31-10-205 /]# ls -ltra' with the cursor positioned at the end of the line. In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. The main text area of the Notepad++ window displays the following content:

```
1 Command 11 :  
2  
3  
4  
5 ls -ltra
```

The Notepad++ status bar at the bottom shows 'Ln : 2 Col : 13 Pos : 15' and file encoding information 'Windows (CR LF) | UTF-8 | INS'. The taskbar at the bottom of the screen contains icons for various applications, including File Explorer, Task View, Start, Search, Edge, Google Chrome, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft OneNote, Microsoft Outlook, and Microsoft Teams. On the far right of the taskbar, there are system status icons for battery level, signal strength, and network connectivity, along with the date and time '5:45 PM 2/2/2022'.

- Put **ls –ltra** command and press enter.

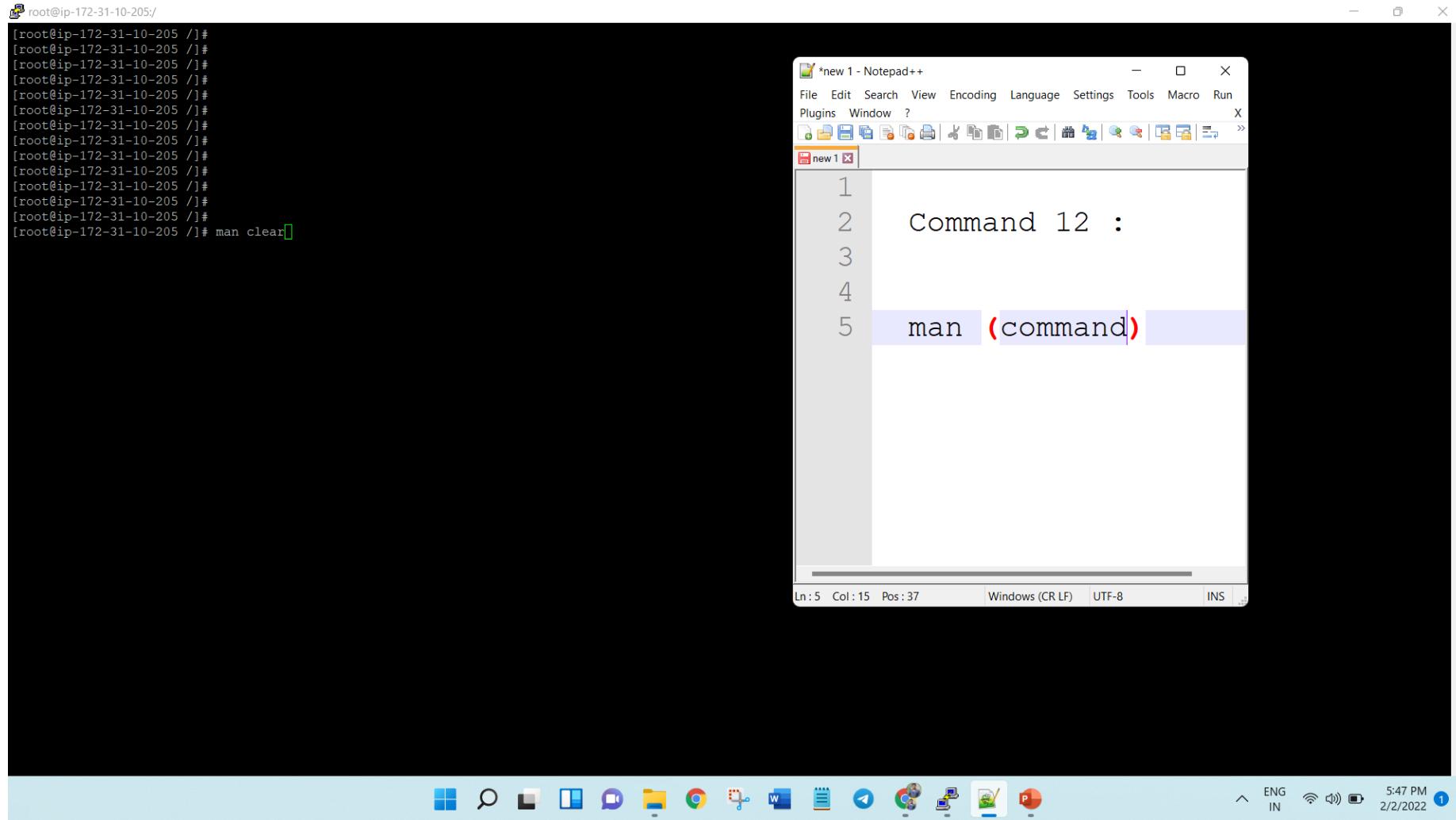
The screenshot shows a Windows desktop environment. In the foreground, there is a terminal window titled '[root@ip-172-31-10-205 /]#'. It displays a series of identical command-line entries followed by an 'ls -ltra' command, which outputs a detailed listing of files and directories in the root directory. The listing includes columns for permissions, owner, group, last modification date, file size, and names. In the background, a Notepad++ window titled '*new 1 - Notepad++' is open. It contains a single line of text: 'Command 11 : ls -ltra'. The Notepad++ interface includes a toolbar with various icons, a menu bar with options like File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Run, Plugins, Window, and Help, and status bars at the bottom showing file information and system status.

```
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]# ls -ltra
total 12
drwxr-xr-x  2 root root   6 Apr  9  2019 srv
drwxr-xr-x  2 root root   6 Apr  9  2019 mnt
drwxr-xr-x  2 root root   6 Apr  9  2019 media
drwxr-xr-x  2 root root  6 Jan 24 18:27 local
lrwxrwxrwx  1 root root   8 Jan 24 18:28 sbin -> usr/sbin
lrwxrwxrwx  1 root root   9 Jan 24 18:28 lib64 -> usr/lib64
lrwxrwxrwx  1 root root   7 Jan 24 18:28 lib -> usr/lib
lrwxrwxrwx  1 root root   7 Jan 24 18:28 bin -> usr/bin
drwxr-xr-x 13 root root 155 Jan 24 18:28 usr
drwxr-xr-x  4 root root  27 Jan 24 18:29 opt
dr-xr-xr-x  4 root root 332 Jan 24 18:29 boot
dr-xr-xr-x 13 root root   0 Feb  2 11:16 sys
dr-xr-xr-x 178 root root   0 Feb  2 11:16 proc
-rw-r--r--  1 root root   0 Feb  2 11:16 .autorelabel
dr-xr-xr-x 18 root root 257 Feb  2 11:16 ..
dr-xr-xr-x 18 root root 257 Feb  2 11:16 .
drwxr-xr-x 19 root root 269 Feb  2 11:16 var
drwxr-xr-x 15 root root 2900 Feb  2 11:16 dev
drwxr-xr-x  3 root root  22 Feb  2 11:16 home
dr-xr-x---  3 root root 103 Feb  2 11:16 root
drwxr-xr-x  80 root root 8192 Feb  2 11:16 etc
drwxr-xr-x  28 root root  960 Feb  2 11:16 run
drwxrwxrwt  8 root root 172 Feb  2 11:16 tmp
[root@ip-172-31-10-205 /]#
```

- Then you will get all files as well as all hidden files also.

Command 12 :

man (command)



- Put **man +any_command** and press enter.

```
root@ip-172-31-10-205:/ clear(1) General Commands Manual clear(1)

NAME
    clear - clear the terminal screen

SYNOPSIS
    clear

DESCRIPTION
    clear clears your screen if this is possible, including its scrollback buffer (if the extended "E3" capability is defined).  clear looks in the environment for the terminal type given by the environment variable TERM, and then in the terminfo database to determine how to clear the screen.

    clear writes to the standard output.  You can redirect the standard output to a file (which prevents clear from actually clearing the screen), and later cat the file to the screen, clearing it at that point.

    clear ignores any command-line parameters that may be present.  The analogous "tput clear" has command-line parameters including -T for overriding the TERM environment variable.

HISTORY
    A clear command appeared in 2.79BSD dated February 24, 1979.  Later that was provided in Unix 8th edition (1985).

    AT&T adapted a different BSD program (tset) to make a new command (tput), and used this to replace the clear command with a shell script which calls tput clear, e.g.,

        /usr/bin/tput ${1:+-T$1} clear 2> /dev/null
        exit

    In 1989, when Keith Bostic revised the BSD tput command to make it similar to the AT&T tput, he added a shell script for the clear command:

        exec tput clear

    The remainder of the script in each case is a copyright notice.

    The ncurses clear command began in 1995 by adapting the original BSD clear command (with terminfo, of course).

    The E3 extension came later:

        · In June 1999, xterm provided an extension to the standard control sequence for clearing the screen.  Rather than clearing just the visible part of the screen using
            printf '\033[2J'
            one could clear the scrollback using
            printf '\033[3J'

            This is documented in XTerm Control Sequences as a feature originating with xterm.

        · A few other terminal developers adopted the feature, e.g., PuTTY in 2006.

        · In April 2011, a Red Hat developer submitted a patch to the Linux kernel, modifying its console driver to do the same thing.  The Linux change, part of the 3.0 release, did
            Manual page clear(1) line 1 (press h for help or q to quit)
```

- Then you will get all information about that command.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205:/'. It contains a series of identical command-line entries, each starting with '[root@ip-172-31-10-205 /]#' followed by a blank line. The last entry shows the command 'cat > vaibhav.txt' being typed. In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. The file contains the text 'Command 13 :' on line 2 and 'cat > filename.txt' on line 5. The status bar at the bottom of the Notepad++ window shows 'Ln: 5 Col: 21 Pos: 43' and 'Windows (CR LF) | UTF-8 | INS'. The taskbar at the bottom of the screen displays various icons for common Windows applications like File Explorer, Task View, and Microsoft Office. The system tray on the right side of the taskbar shows the date and time as '5:50 PM 2/2/2022'.

- Put **cat > filename.txt** command and press enter.

Command 13 :

```
cat > filename.txt
```

- Enter some content.
 - Press **ctrl+D**

```
[root@ip-172-31-10-205 ~]# cat > vaibhav.txt
hello i am vaibhav
here i put file name as vaibhav
you can put your own
thanks
[root@ip-172-31-10-205 ~]#
```

*new 1 - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run
Plugins Window ?

new 1

1
2 Command 13 :
3
4
5 cat > filename.txt

Ln: 5 Col: 21 Pos: 43 Windows (CR LF) UTF-8 INS

6:00 PM 2/2/2022 ENG IN

- This command is use to create new file and allows us to write some text into a file.

```
[root@ip-172-31-10-205 /]#  
[root@ip-172-31-10-205 /]# cat > vaibhav.txt  
hello i am vaibhav  
here i put file name as vaibhav  
you can put your own  
thanks  
[root@ip-172-31-10-205 /]# cat > satish.txt  
hello i am brother of vaibhav  
this is 2nd file  
[root@ip-172-31-10-205 /]#
```

*new 1 - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run
Plugins Window ? X

new 1 X

1
2 Command 13 :
3
4
5 cat > filename.txt

Ln:5 Col:21 Pos:43 Windows (CR LF) UTF-8 INS ↵

6:01 PM 2/2/2022 ⓘ

The screenshot shows a Windows desktop environment. In the foreground, there is a terminal window titled 'root@ip-172-31-10-205:/'. The terminal output shows several commands being run:

```
[root@ip-172-31-10-205 /]# 
[root@ip-172-31-10-205 /]# cat > vaibhav.txt
hello i am vaibhav
here i put file name as vaibhav
you can put your own
thanks
[root@ip-172-31-10-205 /]# cat > satish.txt
hello i am brother of vaibhav
this is 2nd file
[root@ip-172-31-10-205 /]# ls -ltr
total 20
drwxr-xr-x  2 root root   6 Apr  9  2019 srv
drwxr-xr-x  2 root root   6 Apr  9  2019 mnt
drwxr-xr-x  2 root root   6 Apr  9  2019 media
drwxr-xr-x  2 root root  6 Jan 24 18:27 local
lrwxrwxrwx  1 root root   8 Jan 24 18:28 spin -> usr/sbin
lrwxrwxrwx  1 root root   9 Jan 24 18:28 lib64 -> usr/lib64
lrwxrwxrwx  1 root root   7 Jan 24 18:28 lib -> usr/lib
lrwxrwxrwx  1 root root   7 Jan 24 18:28 bin -> usr/bin
drwxr-xr-x 13 root root 155 Jan 24 18:28 usr
drwxr-xr-x  4 root root  27 Jan 24 18:29 opt
dr-xr-xr-x  4 root root 332 Jan 24 18:29 boot
dr-xr-xr-x  13 root root   0 Feb  2 11:16 sys
dr-xr-xr-x 186 root root   0 Feb  2 11:16 proc
drwxr-xr-x  19 root root 269 Feb  2 11:16 var
drwxr-xr-x  15 root root 2900 Feb  2 11:16 dev
drwxr-xr-x  3 root root  22 Feb  2 11:16 home
dr-xr-x---  3 root root 103 Feb  2 11:16 root
drwxr-xr-x  80 root root 8192 Feb  2 11:16 etc
drwxr-xr-x  28 root root  960 Feb  2 11:16 run
drwxrwxrwt  8 root root 172 Feb  2 11:16 tmp
-rw-r--r--  1 root root   80 Feb  2 12:30 vaibhav.txt
-rw-r--r--  1 root root   47 Feb  2 12:31 satish.txt
[root@ip-172-31-10-205 /]#
```

In the background, a Notepad++ window titled 'new 1' is open. It contains the text 'Command 13 : cat > filename.txt'.

- Put **ls –ltr** command and press enter.
- To see the saved files.

root@ip-172-31-10-205:/

```
[root@ip-172-31-10-205 /]#  
[root@ip-172-31-10-205 /]#  
[root@ip-172-31-10-205 /]#  
[root@ip-172-31-10-205 /]#  
[root@ip-172-31-10-205 /]#  
[root@ip-172-31-10-205 /]#  
[root@ip-172-31-10-205 /]# ls -lt  
total 20  
-rw-r--r-- 1 root root 47 Feb 2 12:31 satish.txt  
-rw-r--r-- 1 root root 80 Feb 2 12:30 vaibhav.txt  
drwxrwxrwt 8 root root 172 Feb 2 11:16 tmp  
drwxr-xr-x 28 root root 960 Feb 2 11:16 run  
drwxr-xr-x 80 root root 8192 Feb 2 11:16 etc  
dr-xr-x--- 3 root root 103 Feb 2 11:16 root  
drwxr-xr-x 3 root root 22 Feb 2 11:16 home  
drwxr-xr-x 15 root root 2900 Feb 2 11:16 dev  
drwxr-xr-x 19 root root 269 Feb 2 11:16 var  
dr-xr-xr-x 186 root root 0 Feb 2 11:16 proc  
dr-xr-xr-x 13 root root 0 Feb 2 11:16 sys  
dr-xr-xr-x 4 root root 332 Jan 24 18:29 boot  
drwxr-xr-x 4 root root 27 Jan 24 18:29 opt  
drwxr-xr-x 13 root root 155 Jan 24 18:28 usr  
lrwxrwxrwx 1 root root 7 Jan 24 18:28 bin -> usr/bin  
lrwxrwxrwx 1 root root 7 Jan 24 18:28 lib -> usr/lib  
lrwxrwxrwx 1 root root 9 Jan 24 18:28 lib64 -> usr/lib64  
lrwxrwxrwx 1 root root 8 Jan 24 18:28 sbin -> usr/sbin  
drwxr-xr-x 2 root root 6 Jan 24 18:27 local  
drwxr-xr-x 2 root root 6 Apr 9 2019 media  
drwxr-xr-x 2 root root 6 Apr 9 2019 mnt  
drwxr-xr-x 2 root root 6 Apr 9 2019 srv  
[root@ip-172-31-10-205 /]#
```

*new 1 - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run
Plugins Window ?

new 1

1
2 Command 13 :
3
4
5 cat > filename.txt

Ln:5 Col:21 Pos:43 Windows (CR LF) UTF-8 INS ↵



^ ENG IN WiFi 6:02 PM 2/2/2022 ⓘ

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205:/'. It contains a series of command-line entries, mostly consisting of the '#' prompt, followed by several 'touch' commands with various file names. One specific command, 'touch a b g hkk hjhjh j kkd kjkjs kjskj aasvgs ytty ttt jjjh dxxdx', is highlighted in green. In the top-right corner, there is a Notepad++ window titled 'new 1 - Notepad++'. The text area contains five numbered lines: 1, 2, 3, 4, and 5. Line 5 contains the word 'touch'. The Notepad++ interface includes a toolbar with various icons, a menu bar with 'File', 'Edit', 'Search', etc., and status bars at the bottom indicating 'Ln:5 Col:8 Pos:30' and 'Windows (CR LF) UTF-8'. The taskbar at the bottom of the screen displays several pinned application icons, including File Explorer, Search, Task View, Microsoft Edge, Google Chrome, Microsoft Word, Microsoft Excel, Microsoft Powerpoint, and Microsoft Teams. The system tray shows the date and time as '6:05 PM 2/2/2022'.

- Put **touch +file_names** command and press enter.

The screenshot shows a Windows desktop environment. In the foreground, a terminal window is open with the command history:

```
[root@ip-172-31-10-205 /]# [root@ip-172-31-10-205 /]# [root@ip-172-31-10-205 /]# [root@ip-172-31-10-205 /]# [root@ip-172-31-10-205 /]# [root@ip-172-31-10-205 /]# touch a b g hkk hjjhj h kkd kjkjs kjskj aasvgs ytty ttt jjjh h dxwdx [root@ip-172-31-10-205 /]# [root@ip-172-31-10-205 /]# [root@ip-172-31-10-205 /]# [root@ip-172-31-10-205 /]# ls -ltr
```

Output of the `ls -ltr` command:

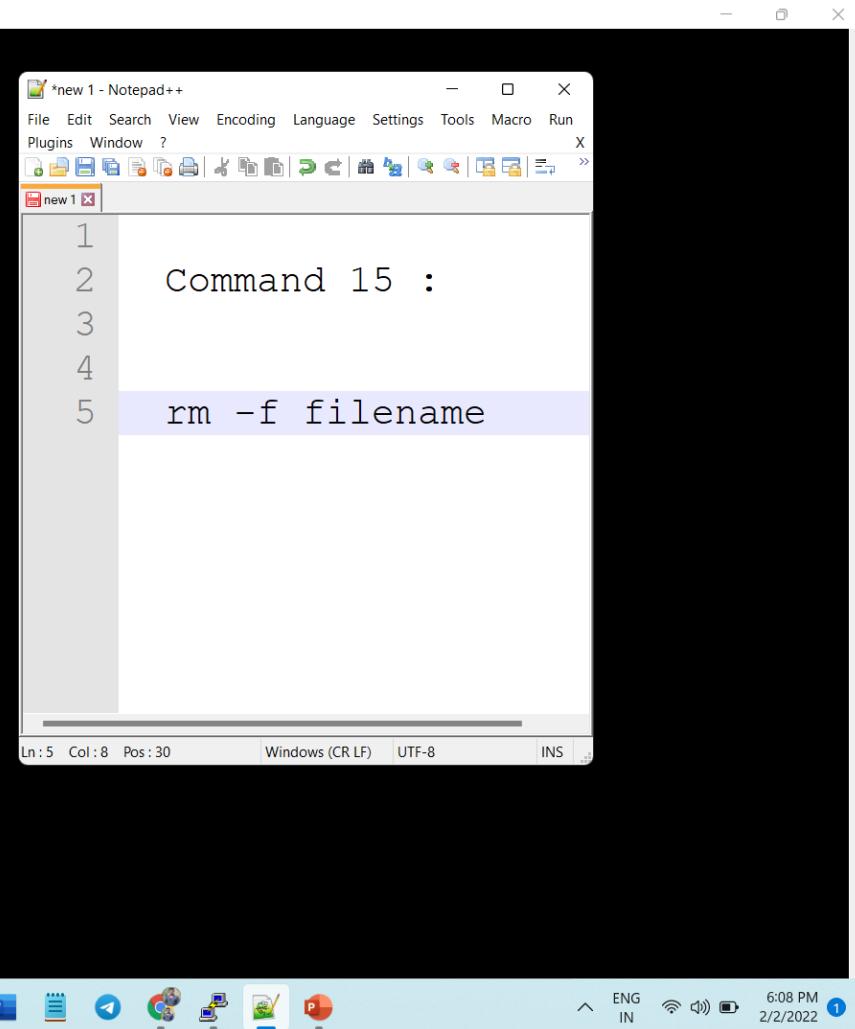
```
total 20
drwxr-xr-x 2 root root 6 Apr 9 2019 srv
drwxr-xr-x 2 root root 6 Apr 9 2019 mnt
drwxr-xr-x 2 root root 6 Apr 9 2019 media
drwxr-xr-x 2 root root 6 Jan 24 18:27 local
lrwxrwxrwx 1 root root 8 Jan 24 18:28 sbin -> usr/sbin
lrwxrwxrwx 1 root root 9 Jan 24 18:28 lib64 -> usr/lib64
lrwxrwxrwx 1 root root 7 Jan 24 18:28 lib -> usr/lib
lrwxrwxrwx 1 root root 7 Jan 24 18:28 bin -> usr/bin
drwxr-xr-x 13 root root 155 Jan 24 18:28 usr
drwxr-xr-x 4 root root 27 Jan 24 18:29 opt
dr-xr-xr-x 4 root root 332 Jan 24 18:29 boot
dr-xr-xr-x 13 root root 0 Feb 2 11:16 sys
dr-xr-xr-x 186 root root 0 Feb 2 11:16 proc
drwxr-xr-x 19 root root 269 Feb 2 11:16 var
drwxr-xr-x 15 root root 2900 Feb 2 11:16 dev
drwxr-xr-x 3 root root 22 Feb 2 11:16 home
dr-xr-x--- 3 root root 103 Feb 2 11:16 root
drwxr-xr-x 80 root root 8192 Feb 2 11:16 etc
drwxr-xr-x 28 root root 960 Feb 2 11:16 run
drwxrwxrwt 8 root root 172 Feb 2 11:16 tmp
-rw-r--r-- 1 root root 80 Feb 2 12:30 valbhav.txt
-rw-r--r-- 1 root root 47 Feb 2 12:31 satish.txt
-rw-r--r-- 1 root root 0 Feb 2 12:35 ytty
-rw-r--r-- 1 root root 0 Feb 2 12:35 ttt
-rw-r--r-- 1 root root 0 Feb 2 12:35 kkd
-rw-r--r-- 1 root root 0 Feb 2 12:35 kjskj
-rw-r--r-- 1 root root 0 Feb 2 12:35 kjkjs
-rw-r--r-- 1 root root 0 Feb 2 12:35 jjjhj
-rw-r--r-- 1 root root 0 Feb 2 12:35 j
-rw-r--r-- 1 root root 0 Feb 2 12:35 hkk
-rw-r--r-- 1 root root 0 Feb 2 12:35 hjjhj
-rw-r--r-- 1 root root 0 Feb 2 12:35 g
-rw-r--r-- 1 root root 0 Feb 2 12:35 dxwdx
-rw-r--r-- 1 root root 0 Feb 2 12:35 b
-rw-r--r-- 1 root root 0 Feb 2 12:35 aasvgs
-rw-r--r-- 1 root root 0 Feb 2 12:35 a
```

In the background, a Notepad++ window titled "new 1" is open, showing the command:

```
1
2 Command 14 :
3
4
5 touch
```

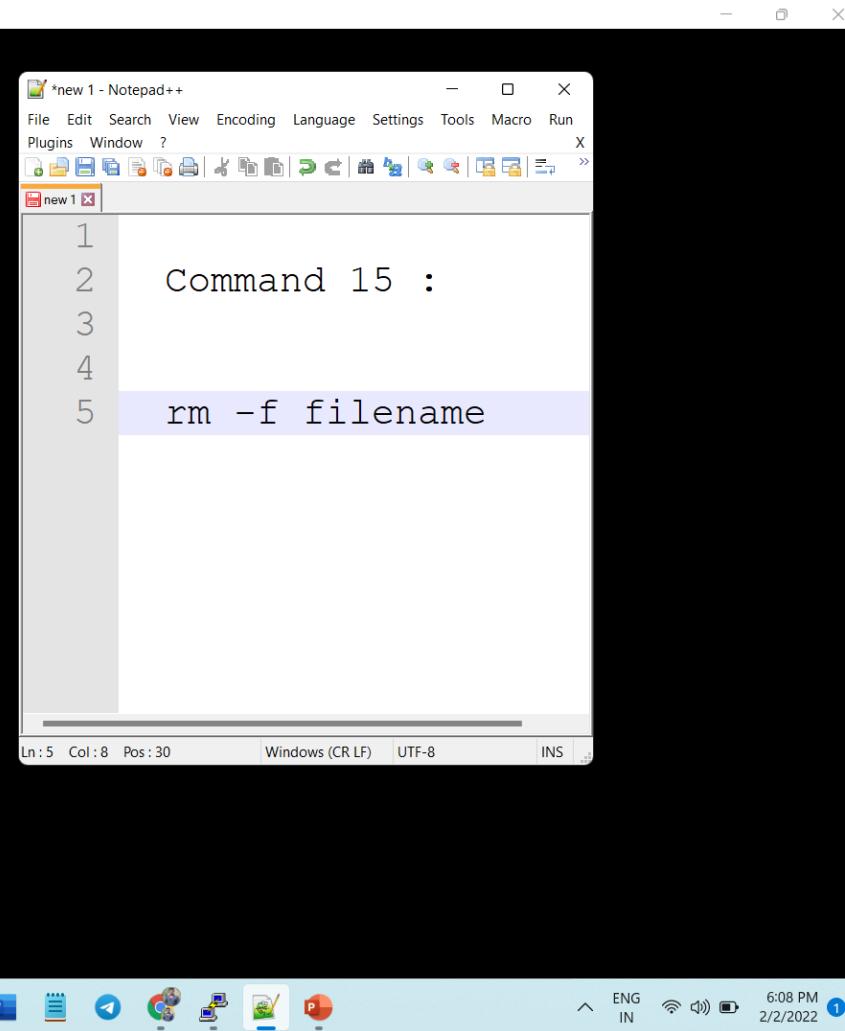
- This command is used to add blank files into directory.

```
[root@ip-172-31-10-205 ~]# ls -lt
total 20
-rw-r--r--  1 root root    0 Feb  2 12:35 a
-rw-r--r--  1 root root    0 Feb  2 12:35 aasvgs
-rw-r--r--  1 root root    0 Feb  2 12:35 b
-rw-r--r--  1 root root    0 Feb  2 12:35 dxxdx
-rw-r--r--  1 root root    0 Feb  2 12:35 g
-rw-r--r--  1 root root    0 Feb  2 12:35 hjjhjh
-rw-r--r--  1 root root    0 Feb  2 12:35 hkk
-rw-r--r--  1 root root    0 Feb  2 12:35 j
-rw-r--r--  1 root root    0 Feb  2 12:35 jjjhjh
-rw-r--r--  1 root root    0 Feb  2 12:35 kjkjs
-rw-r--r--  1 root root    0 Feb  2 12:35 kjskj
-rw-r--r--  1 root root    0 Feb  2 12:35 kkd
-rw-r--r--  1 root root    0 Feb  2 12:35 ttt
-rw-r--r--  1 root root    0 Feb  2 12:35 yyty
-rw-r--r--  1 root root   47 Feb  2 12:31 satish.txt
-rw-r--r--  1 root root   80 Feb  2 12:30 valbhav.txt
drwxrwxrwt  8 root root  172 Feb  2 11:16 tmp
drwxr-x-x 28 root root  960 Feb  2 11:16 run
drwxr-x-x 80 root root 8192 Feb  2 11:16 etc
dr-xr-x---  3 root root  103 Feb  2 11:16 root
drwxr-xx-x  3 root root  22 Feb  2 11:16 home
drwxr-xx-x 15 root root 2900 Feb  2 11:16 dev
drwxr-xr-x 19 root root  269 Feb  2 11:16 var
dr-xxr-x-x 186 root root   0 Feb  2 11:16 proc
dr-xr-xr-x 13 root root   0 Feb  2 11:16 sys
dr-xr-xr-x  4 root root  332 Jan 24 18:29 boot
drwxr-x-x  4 root root  27 Jan 24 18:29 opt
drwxr-xr-x 13 root root  155 Jan 24 18:28 usr
lrwxrwxrwx  1 root root   7 Jan 24 18:28 bin -> usr/bin
lrwxrwxrwx  1 root root   7 Jan 24 18:28 lib -> usr/lib
lrwxrwxrwx  1 root root   9 Jan 24 18:28 lib64 -> usr/lib64
lrwxrwxrwx  1 root root   8 Jan 24 18:28 sbin -> usr/sbin
drwxr-xr-x  2 root root   6 Jan 24 18:27 local
drwxr-xr-x  2 root root   6 Apr  9 2019 media
drwxr-xr-x  2 root root   6 Apr  9 2019 mnt
drwxr-xr-x  2 root root   6 Apr  9 2019 srv
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]# rm -f satish.txt
```



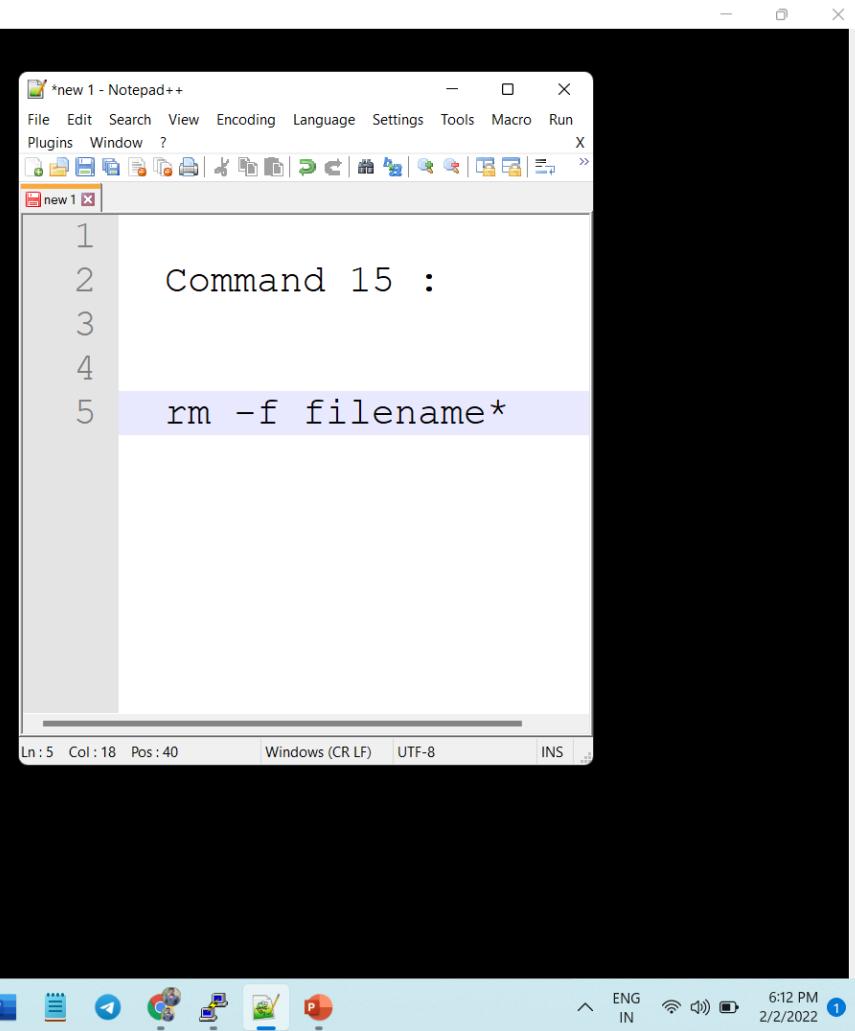
- Put **rm -f filename** command and press enter.

```
[root@ip-172-31-10-205 ~]# ls -l
lrwxrwxrwx 1 root root 9 Jan 24 18:28 lib64 -> usr/lib64
lrwxrwxrwx 1 root root 8 Jan 24 18:28 sbin -> usr/sbin
drwxr-xr-x 2 root root 6 Jan 24 18:27 local
drwxr-xr-x 2 root root 6 Apr 9 2019 media
drwxr-xr-x 2 root root 6 Apr 9 2019 mnt
drwxr-xr-x 2 root root 6 Apr 9 2019 srv
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]# rm -f satish.txt
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]# ls -lt
total 16
-rw-r--r-- 1 root root 0 Feb 2 12:35 a
-rw-r--r-- 1 root root 0 Feb 2 12:35 aasvgs
-rw-r--r-- 1 root root 0 Feb 2 12:35 b
-rw-r--r-- 1 root root 0 Feb 2 12:35 dxxdx
-rw-r--r-- 1 root root 0 Feb 2 12:35 g
-rw-r--r-- 1 root root 0 Feb 2 12:35 hjhjh
-rw-r--r-- 1 root root 0 Feb 2 12:35 hkk
-rw-r--r-- 1 root root 0 Feb 2 12:35 j
-rw-r--r-- 1 root root 0 Feb 2 12:35 jjhh
-rw-r--r-- 1 root root 0 Feb 2 12:35 kjksj
-rw-r--r-- 1 root root 0 Feb 2 12:35 kkskj
-rw-r--r-- 1 root root 0 Feb 2 12:35 kkd
-rw-r--r-- 1 root root 0 Feb 2 12:35 ttt
-rw-r--r-- 1 root root 0 Feb 2 12:35 yyty
-rw-r--r-- 1 root root 80 Feb 2 12:30 bhavhat.txt
drwxrwxrwt 8 root root 172 Feb 2 11:16 tmp
drwxr-xr-x 28 root root 960 Feb 2 11:16 run
drwxr-xr-x 80 root root 8192 Feb 2 11:16 etc
dr-xr-x--- 3 root root 103 Feb 2 11:16 root
drwxr-xr-x 3 root root 22 Feb 2 11:16 home
drwxr-xr-x 15 root root 2900 Feb 2 11:16 dev
drwxr-xr-x 19 root root 269 Feb 2 11:16 var
dr-xr-xr-x 186 root root 0 Feb 2 11:16 proc
dr-xr-xr-x 13 root root 0 Feb 2 11:16 sys
dr-xr-xr-x 4 root root 332 Jan 24 18:29 boot
drwxr-xr-x 4 root root 27 Jan 24 18:29 opt
drwxr-xr-x 13 root root 155 Jan 24 18:28 usr
lrwxrwxrwx 1 root root 7 Jan 24 18:28 bin -> usr/bin
lrwxrwxrwx 1 root root 7 Jan 24 18:28 lib -> usr/lib
lrwxrwxrwx 1 root root 9 Jan 24 18:28 lib64 -> usr/lib64
lrwxrwxrwx 1 root root 8 Jan 24 18:28 sbin -> usr/sbin
drwxr-xr-x 2 root root 6 Jan 24 18:27 local
drwxr-xr-x 2 root root 6 Apr 9 2019 media
drwxr-xr-x 2 root root 6 Apr 9 2019 mnt
drwxr-xr-x 2 root root 6 Apr 9 2019 srv
[root@ip-172-31-10-205 ~]# 
```



- This is to delete any file from directory.

```
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]# ls -lt
total 16
-rw-r--r--    1 root root    0 Feb  2 12:35 a
-rw-r--r--    1 root root    0 Feb  2 12:35 aasvgs
-rw-r--r--    1 root root    0 Feb  2 12:35 b
-rw-r--r--    1 root root    0 Feb  2 12:35 dxxdx
-rw-r--r--    1 root root    0 Feb  2 12:35 g
-rw-r--r--    1 root root    0 Feb  2 12:35 j
-rw-r--r--    1 root root    0 Feb  2 12:35 jjhh
-rw-r--r--    1 root root    0 Feb  2 12:35 kjksj
-rw-r--r--    1 root root    0 Feb  2 12:35 kjskj
-rw-r--r--    1 root root    0 Feb  2 12:35 kkd
-rw-r--r--    1 root root    0 Feb  2 12:35 ttt
-rw-r--r--    1 root root    0 Feb  2 12:35 yyty
-rw-r--r--   1 root root   80 Feb  2 12:30 vaibhav.txt
drwxrwxrwt  8 root root  172 Feb  2 11:16 tmp
drwxr-xr-x 28 root root  960 Feb  2 11:16 run
drwxr-xr-x 80 root root 8192 Feb  2 11:16 etc
dr-xx-x---  3 root root  103 Feb  2 11:16 root
drwxr-xr-x  3 root root   22 Feb  2 11:16 home
drwxr-xx-x 15 root root 2900 Feb  2 11:16 dev
drwxr-xx-x 19 root root  269 Feb  2 11:16 var
dr-xr-xr-x 186 root root    0 Feb  2 11:16 proc
dr-xx-xx-x 13 root root    0 Feb  2 11:16 sys
dr-xx-xx-x  4 root root  332 Jan 24 18:29 boot
drwxr-xx-x  4 root root   27 Jan 24 18:29 opt
drwxr-xx-x 13 root root  155 Jan 24 18:28 usr
lrvwxrwxrwx 1 root root    7 Jan 24 18:28 bin -> /usr/bin
lrvwxrwxrwx 1 root root    7 Jan 24 18:28 lib -> /usr/lib
lrvwxrwxrwx 1 root root    9 Jan 24 18:28 lib64 -> /usr/lib64
lrvwxrwxrwx 1 root root    8 Jan 24 18:28 sbin -> /usr/sbin
drwxr-xx-x  2 root root   6 Jan 24 18:27 local
drwxr-xx-x  2 root root   6 Apr  9 2019 media
drwxr-xx-x  2 root root   6 Apr  9 2019 mnt
drwxr-xx-x  2 root root   6 Apr  9 2019 srv
[root@ip-172-31-10-205 ~]#
[root@ip-172-31-10-205 ~]# rm -f j*
```



- Put `rm -f filename*` command and press enter.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205:/#'. It displays a list of files and directories in the root directory, including 'proc', 'sys', 'boot', 'opt', 'usr', 'bin', 'lib', 'lib64', 'sbin', 'local', 'media', 'mnt', and 'srv'. The user runs the command 'rm -f j*' to remove files starting with 'j', which are listed as 'aasvgs', 'b', 'dxxdx', 'g', 'kjkjs', 'kjksj', 'kxd', 'ttt', 'tty', and 'vaibhav.txt'. The terminal ends with '[root@ip-172-31-10-205 /]#'. In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. It has a toolbar at the top with various file operations like Open, Save, Find, and Replace. The main text area contains the text 'Command 15 :' followed by the command 'rm -f filename*'. The status bar at the bottom of the Notepad++ window shows 'Ln:5 Col:18 Pos:40' and 'Windows (CR LF) | UTF-8'. The taskbar at the bottom of the screen shows several icons for common applications like File Explorer, Task View, Search, Edge, and others. The system tray in the bottom right corner shows the date and time as '6:13 PM 2/2/2022'.

```
dr-xr-xr-x 186 root root 0 Feb 2 11:16 proc
dr-xr-xr-x 13 root root 0 Feb 2 11:16 sys
dr-xr-xr-x 4 root root 332 Jan 24 18:29 boot
drwxr-xr-x 4 root root 27 Jan 24 18:29 opt
drwxr-xr-x 13 root root 155 Jan 24 18:28 usr
lrwxrwxrwx 1 root root 7 Jan 24 18:28 bin -> usr/bin
lrwxrwxrwx 1 root root 7 Jan 24 18:28 lib -> usr/lib
lrwxrwxrwx 1 root root 9 Jan 24 18:28 lib64 -> usr/lib64
lrwxrwxrwx 1 root root 8 Jan 24 18:28 sbin -> usr/sbin
drwxr-xr-x 2 root root 6 Jan 24 18:27 local
drwxr-xr-x 2 root root 6 Apr 9 2019 media
drwxr-xr-x 2 root root 6 Apr 9 2019 mnt
drwxr-xr-x 2 root root 6 Apr 9 2019 srv
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]# rm -f j*
[root@ip-172-31-10-205 /]# ls -lt
total 16
-rw-r--r-- 1 root root 0 Feb 2 12:35 a
-rw-r--r-- 1 root root 0 Feb 2 12:35 aasvgs
-rw-r--r-- 1 root root 0 Feb 2 12:35 b
-rw-r--r-- 1 root root 0 Feb 2 12:35 dxxdx
-rw-r--r-- 1 root root 0 Feb 2 12:35 g
-rw-r--r-- 1 root root 0 Feb 2 12:35 kjkjs
-rw-r--r-- 1 root root 0 Feb 2 12:35 kjksj
-rw-r--r-- 1 root root 0 Feb 2 12:35 kxd
-rw-r--r-- 1 root root 0 Feb 2 12:35 ttt
-rw-r--r-- 1 root root 0 Feb 2 12:35 tty
-rw-r--r-- 1 root root 80 Feb 2 12:30 vaibhav.txt
drwxrwxrwt 8 root root 172 Feb 2 11:16 tmp
drwxr-xr-x 28 root root 960 Feb 2 11:16 run
drwxr-xr-x 80 root root 8192 Feb 2 11:16 etc
dr-xr-x--- 3 root root 103 Feb 2 11:16 root
drwxr-xr-x 3 root root 22 Feb 2 11:16 home
drwxr-xr-x 15 root root 2900 Feb 2 11:16 dev
drwxr-xr-x 19 root root 269 Feb 2 11:16 var
dr-xr-xr-x 185 root root 0 Feb 2 11:16 proc
dr-xr-xr-x 13 root root 0 Feb 2 11:16 sys
dr-xr-xr-x 4 root root 332 Jan 24 18:29 boot
drwxr-xr-x 4 root root 27 Jan 24 18:29 opt
drwxr-xr-x 13 root root 155 Jan 24 18:28 usr
lrwxrwxrwx 1 root root 7 Jan 24 18:28 bin -> usr/bin
lrwxrwxrwx 1 root root 7 Jan 24 18:28 lib -> usr/lib
lrwxrwxrwx 1 root root 9 Jan 24 18:28 lib64 -> usr/lib64
lrwxrwxrwx 1 root root 8 Jan 24 18:28 sbin -> usr/sbin
drwxr-xr-x 2 root root 6 Jan 24 18:27 local
drwxr-xr-x 2 root root 6 Apr 9 2019 media
drwxr-xr-x 2 root root 6 Apr 9 2019 mnt
drwxr-xr-x 2 root root 6 Apr 9 2019 srv
[root@ip-172-31-10-205 /]#
```

- This is used to remove files started by same letters.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205:/'. It displays the output of the 'ls -lt' command, listing numerous files and directories in the root directory. The terminal window has a black background with white text. In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. The Notepad++ window has a light gray background with dark gray text. It contains the text 'Command 15 :' followed by the command 'rm -f *filename'. The Notepad++ interface includes a toolbar at the top, a status bar at the bottom, and a system tray icon at the bottom right. The desktop taskbar at the bottom shows various pinned icons for common applications like File Explorer, Task View, Search, and others.

```
[root@ip-172-31-10-205 /]# ls -lt
total 16
-rw-r--r-- 1 root root 0 Feb 2 12:35 a
-rw-r--r-- 1 root root 0 Feb 2 12:35 aasvgs
-rw-r--r-- 1 root root 0 Feb 2 12:35 b
-rw-r--r-- 1 root root 0 Feb 2 12:35 dxxdx
-rw-r--r-- 1 root root 0 Feb 2 12:35 g
-rw-r--r-- 1 root root 0 Feb 2 12:35 kjkjs
-rw-r--r-- 1 root root 0 Feb 2 12:35 kjskj
-rw-r--r-- 1 root root 0 Feb 2 12:35 kkd
-rw-r--r-- 1 root root 0 Feb 2 12:35 ttt
-rw-r--r-- 1 root root 0 Feb 2 12:35 ttty
-rw-r--r-- 1 root root 80 Feb 2 12:30 vaibhav.txt
drwxrwxrwt 8 root root 172 Feb 2 11:16 tmp
drwxr-xr-x 28 root root 960 Feb 2 11:16 run
drwxr-xr-x 80 root root 8192 Feb 2 11:16 etc
dr-xr-x--- 3 root root 103 Feb 2 11:16 root
drwxr-xr-x 3 root root 22 Feb 2 11:16 home
drwxr-xr-x 15 root root 2900 Feb 2 11:16 dev
drwxr-xr-x 19 root root 269 Feb 2 11:16 var
dr-xr-xr-x 185 root root 0 Feb 2 11:16 proc
dr-xr-xr-x 13 root root 0 Feb 2 11:16 sys
dr-xr-xr-x 4 root root 332 Jan 24 18:29 boot
drwxr-xr-x 4 root root 27 Jan 24 18:29 opt
drwxr-xr-x 13 root root 155 Jan 24 18:28 usr
lrwxrwxrwx 1 root root 7 Jan 24 18:28 bin -> usr/bin
lrwxrwxrwx 1 root root 7 Jan 24 18:28 lib -> usr/lib
lrwxrwxrwx 1 root root 9 Jan 24 18:28 lib64 -> usr/lib64
lrwxrwxrwx 1 root root 8 Jan 24 18:28 sbin -> usr/sbin
drwxr-xr-x 2 root root 6 Jan 24 18:27 local
drwxr-xr-x 2 root root 6 Apr 9 2019 media
drwxr-xr-x 2 root root 6 Apr 9 2019 mnt
drwxr-xr-x 2 root root 6 Apr 9 2019 srv
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]# rm -f *j
```

- Put **rm -f *filename** command and press enter.

The screenshot shows a Windows desktop environment. In the bottom-left corner, there is a terminal window titled 'root@ip-172-31-10-205 /'. It displays a series of file listing commands ('ls -lt') and their outputs, showing various files and directories with their permissions, sizes, and modification dates. In the bottom-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. It contains a single line of text: 'rm -f *filename'. The Notepad++ interface includes a toolbar, menu bar, status bar at the bottom, and a scroll bar on the right.

```
[root@ip-172-31-10-205 /]# ls -lt
total 16
-rw-r--r-- 1 root root 0 Feb 2 12:35 a
-rw-r--r-- 1 root root 0 Feb 2 12:35 aasvgs
-rw-r--r-- 1 root root 0 Feb 2 12:35 b
-rw-r--r-- 1 root root 0 Feb 2 12:35 dxxdx
-rw-r--r-- 1 root root 0 Feb 2 12:35 g
-rw-r--r-- 1 root root 0 Feb 2 12:35 kjkjs
-rw-r--r-- 1 root root 0 Feb 2 12:35 kjskj
-rw-r--r-- 1 root root 0 Feb 2 12:35 kkd
-rw-r--r-- 1 root root 0 Feb 2 12:35 ttt
-rw-r--r-- 1 root root 0 Feb 2 12:35 ttty
-rw-r--r-- 1 root root 80 Feb 2 12:30 vaibhav.txt
drwxrwxrwt 8 root root 172 Feb 2 11:16 tmp
drwxr-xr-x 28 root root 960 Feb 2 11:16 run
drwxr-xr-x 80 root root 8192 Feb 2 11:16 etc
dr-xr-x--- 3 root root 103 Feb 2 11:16 root
drwxr-xr-x 3 root root 22 Feb 2 11:16 home
drwxr-xr-x 15 root root 2900 Feb 2 11:16 dev
drwxr-xr-x 19 root root 269 Feb 2 11:16 var
dr-xr-xr-x 185 root root 0 Feb 2 11:16 proc
dr-xr-xr-x 13 root root 0 Feb 2 11:16 sys
dr-xr-xr-x 4 root root 332 Jan 24 18:29 boot
drwxr-xr-x 4 root root 27 Jan 24 18:29 opt
drwxr-xr-x 13 root root 155 Jan 24 18:28 usr
lrwxrwxrwx 1 root root 7 Jan 24 18:28 bin -> usr/bin
lrwxrwxrwx 1 root root 7 Jan 24 18:28 lib -> usr/lib
lrwxrwxrwx 1 root root 9 Jan 24 18:28 lib64 -> usr/lib64
lrwxrwxrwx 1 root root 8 Jan 24 18:28 sbin -> usr/sbin
drwxr-xr-x 2 root root 6 Jan 24 18:27 local
drwxr-xr-x 2 root root 6 Apr 9 2019 media
drwxr-xr-x 2 root root 6 Apr 9 2019 mnt
drwxr-xr-x 2 root root 6 Apr 9 2019 srv
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]# rm -f *j
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]# ls -lt
```

- This is used to remove files having same latter at their last.

The screenshot shows a Windows desktop environment. In the bottom-left corner, there is a terminal window titled 'root@ip-172-31-10-205:/'. It displays a list of files and directories in the root directory, including 'proc', 'sys', 'boot', 'opt', 'usr', 'bin', 'lib', 'lib64', 'sbin', 'local', 'media', 'mnt', and 'srv'. Several files are listed with their permissions, sizes, and modification dates. The user runs the command 'rm -f *j' to delete files ending in '.j'. After this, they run 'ls -lt' to list the files again, showing that the files have been removed. In the top-right corner, there is a Notepad++ window titled '*new 1 - Notepad++'. It contains the text 'Command 15 : rm -f *filename' on line 5. The status bar at the bottom of the Notepad++ window shows 'Ln:5 Col:18 Pos:40 Windows (CR LF) UTF-8 INS'. The taskbar at the bottom of the screen shows various icons for common Windows applications like File Explorer, Task View, and Control Panel.

```
dr-xr-xr-x 185 root root 0 Feb 2 11:16 proc
dr-xr-xr-x 13 root root 0 Feb 2 11:16 sys
dr-xr-xr-x 4 root root 332 Jan 24 18:29 boot
drwxr-xr-x 4 root root 27 Jan 24 18:29 opt
drwxr-xr-x 13 root root 155 Jan 24 18:28 usr
lrwxrwxrwx 1 root root 7 Jan 24 18:28 bin -> usr/bin
lrwxrwxrwx 1 root root 7 Jan 24 18:28 lib -> usr/lib
lrwxrwxrwx 1 root root 9 Jan 24 18:28 lib64 -> usr/lib64
lrwxrwxrwx 1 root root 8 Jan 24 18:28 sbin -> usr/sbin
drwxr-xr-x 2 root root 6 Jan 24 18:27 local
drwxr-xr-x 2 root root 6 Apr 9 2019 media
drwxr-xr-x 2 root root 6 Apr 9 2019 mnt
drwxr-xr-x 2 root root 6 Apr 9 2019 srv
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]# rm -f *j
[root@ip-172-31-10-205 /]#
[root@ip-172-31-10-205 /]# ls -lt
total 16
-rw-r--r-- 1 root root 0 Feb 2 12:35 a
-rw-r--r-- 1 root root 0 Feb 2 12:35 aasvgs
-rw-r--r-- 1 root root 0 Feb 2 12:35 b
-rw-r--r-- 1 root root 0 Feb 2 12:35 dxxdx
-rw-r--r-- 1 root root 0 Feb 2 12:35 g
-rw-r--r-- 1 root root 0 Feb 2 12:35 kjkjs
-rw-r--r-- 1 root root 0 Feb 2 12:35 kkd
-rw-r--r-- 1 root root 0 Feb 2 12:35 ttt
-rw-r--r-- 1 root root 0 Feb 2 12:35 yyty
-rw-r--r-- 1 root root 80 Feb 2 12:30 vaibhav.txt
drwxrwxrwt 8 root root 172 Feb 2 11:16 tmp
drwxr-xr-x 28 root root 960 Feb 2 11:16 run
drwxr-xr-x 80 root root 8192 Feb 2 11:16 etc
dr-xr-x--- 3 root root 103 Feb 2 11:16 root
drwxr-xr-x 3 root root 22 Feb 2 11:16 home
drwxr-xr-x 15 root root 2900 Feb 2 11:16 dev
drwxr-xr-x 19 root root 269 Feb 2 11:16 var
dr-xr-xr-x 185 root root 0 Feb 2 11:16 proc
dr-xr-xr-x 13 root root 0 Feb 2 11:16 sys
dr-xr-xr-x 4 root root 332 Jan 24 18:29 boot
drwxr-xr-x 4 root root 27 Jan 24 18:29 opt
drwxr-xr-x 13 root root 155 Jan 24 18:28 usr
lrwxrwxrwx 1 root root 7 Jan 24 18:28 bin -> usr/bin
lrwxrwxrwx 1 root root 7 Jan 24 18:28 lib -> usr/lib
lrwxrwxrwx 1 root root 9 Jan 24 18:28 lib64 -> usr/lib64
lrwxrwxrwx 1 root root 8 Jan 24 18:28 sbin -> usr/sbin
drwxr-xr-x 2 root root 6 Jan 24 18:27 local
drwxr-xr-x 2 root root 6 Apr 9 2019 media
drwxr-xr-x 2 root root 6 Apr 9 2019 mnt
drwxr-xr-x 2 root root 6 Apr 9 2019 srv
[root@ip-172-31-10-205 /]#

```

- Checked the deleted files.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205/home/ec2-user'. The terminal history shows the user navigating to the directory, creating files named 'a' through 'h' using the 'touch' command, and then listing them with 'ls -lt'. The output shows files 'a' through 'h' with timestamps from February 2, 2022, at 12:49. In the top-right corner, there is a Notepad++ window titled 'new 1 - Notepad++'. The code editor contains five lines of text: '1', '2', '3', '4', and '5'. Line 5 contains the command 'rm -f *'. The status bar at the bottom of the Notepad++ window displays 'Ln : 5 Col : 10 Pos : 32 Windows (CR LF) UTF-8 INS'. The taskbar at the bottom of the screen shows various pinned icons for Microsoft Office applications like File Explorer, Edge, and Word, along with other system icons. The system tray in the bottom right corner shows the date and time as '6:19 PM 2/2/2022'.

```
[root@ip-172-31-10-205 home]#
[root@ip-172-31-10-205 home]#
[root@ip-172-31-10-205 home]# cd /home/ec2-user
[root@ip-172-31-10-205 ec2-user]#
[root@ip-172-31-10-205 ec2-user]# touch a b c d e f g h
[root@ip-172-31-10-205 ec2-user]#
[root@ip-172-31-10-205 ec2-user]#
[root@ip-172-31-10-205 ec2-user]# ls -lt
total 0
-rw-r--r-- 1 root root 0 Feb  2 12:49 a
-rw-r--r-- 1 root root 0 Feb  2 12:49 b
-rw-r--r-- 1 root root 0 Feb  2 12:49 c
-rw-r--r-- 1 root root 0 Feb  2 12:49 d
-rw-r--r-- 1 root root 0 Feb  2 12:49 e
-rw-r--r-- 1 root root 0 Feb  2 12:49 f
-rw-r--r-- 1 root root 0 Feb  2 12:49 g
-rw-r--r-- 1 root root 0 Feb  2 12:49 h
[root@ip-172-31-10-205 ec2-user]#
[root@ip-172-31-10-205 ec2-user]#
```

1
2 Command 16 :
3
4
5 rm -f *

- Put **rm -f *** command and press enter.
- Here we gone inside **ec2-user** directory and created multiple files.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205/home/ec2-user'. The terminal displays a series of commands and their outputs:

```
[root@ip-172-31-10-205 home]#
[root@ip-172-31-10-205 home]#
[root@ip-172-31-10-205 home]# cd /home/ec2-user
[root@ip-172-31-10-205 ec2-user]#
[root@ip-172-31-10-205 ec2-user]#
[root@ip-172-31-10-205 ec2-user]# touch a b c d e f g h
[root@ip-172-31-10-205 ec2-user]#
[root@ip-172-31-10-205 ec2-user]#
[root@ip-172-31-10-205 ec2-user]# ls -lt
total 0
-rw-r--r-- 1 root root 0 Feb  2 12:49 a
-rw-r--r-- 1 root root 0 Feb  2 12:49 b
-rw-r--r-- 1 root root 0 Feb  2 12:49 c
-rw-r--r-- 1 root root 0 Feb  2 12:49 d
-rw-r--r-- 1 root root 0 Feb  2 12:49 e
-rw-r--r-- 1 root root 0 Feb  2 12:49 f
-rw-r--r-- 1 root root 0 Feb  2 12:49 g
-rw-r--r-- 1 root root 0 Feb  2 12:49 h
[root@ip-172-31-10-205 ec2-user]#
[root@ip-172-31-10-205 ec2-user]# rm -f *
```

In the top-right corner, there is a Notepad++ window titled 'new 1 - Notepad++'. The text area contains the following code:

```
1
2 Command 16 :
3
4
5 rm -f *
```

The Notepad++ status bar at the bottom shows the following information: Ln:5 Col:10 Pos:32 Windows (CR LF) UTF-8 INS.

The taskbar at the bottom of the screen displays various application icons, including File Explorer, Search, Task View, Edge, Google Chrome, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft OneNote, Microsoft Outlook, and Microsoft Teams. The system tray on the right shows the date and time (6:19 PM 2/2/2022), battery level (ENG IN), signal strength, and a small notification icon.

- Put **rm -f *** command and press enter.

The screenshot shows a Windows desktop environment. In the top-left corner, there is a terminal window titled 'root@ip-172-31-10-205/home/ec2-user'. The terminal displays a series of commands and their outputs:

```
[root@ip-172-31-10-205 home]#
[root@ip-172-31-10-205 home]#
[root@ip-172-31-10-205 home]# cd /home/ec2-user
[root@ip-172-31-10-205 ec2-user]#
[root@ip-172-31-10-205 ec2-user]#
[root@ip-172-31-10-205 ec2-user]# touch a b c d e f g h
[root@ip-172-31-10-205 ec2-user]#
[root@ip-172-31-10-205 ec2-user]#
[root@ip-172-31-10-205 ec2-user]# ls -lt
total 0
-rw-r--r-- 1 root root 0 Feb  2 12:49 a
-rw-r--r-- 1 root root 0 Feb  2 12:49 b
-rw-r--r-- 1 root root 0 Feb  2 12:49 c
-rw-r--r-- 1 root root 0 Feb  2 12:49 d
-rw-r--r-- 1 root root 0 Feb  2 12:49 e
-rw-r--r-- 1 root root 0 Feb  2 12:49 f
-rw-r--r-- 1 root root 0 Feb  2 12:49 g
-rw-r--r-- 1 root root 0 Feb  2 12:49 h
[root@ip-172-31-10-205 ec2-user]#
[root@ip-172-31-10-205 ec2-user]# rm -f *
[root@ip-172-31-10-205 ec2-user]#
[root@ip-172-31-10-205 ec2-user]#
[root@ip-172-31-10-205 ec2-user]# ls -lt
total 0
[root@ip-172-31-10-205 ec2-user]#
```

In the top-right corner of the desktop, there is a Notepad++ window titled 'new 1 - Notepad++'. The Notepad++ window contains the following text:

```
1
2 Command 16 :
3
4
5 rm -f *
```

The Notepad++ status bar at the bottom shows: Ln:5 Col:10 Pos:32 Windows (CR LF) UTF-8 INS.

The taskbar at the bottom of the screen displays various application icons, including File Explorer, Task View, Search, Edge, Google Chrome, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft OneNote, Microsoft Outlook, and others. The system tray on the right side of the taskbar shows the date and time as 6:20 PM 2/2/2022, along with icons for battery level, signal strength, and network connectivity.

- All files will be removed.

Thanks for doing practical with us.