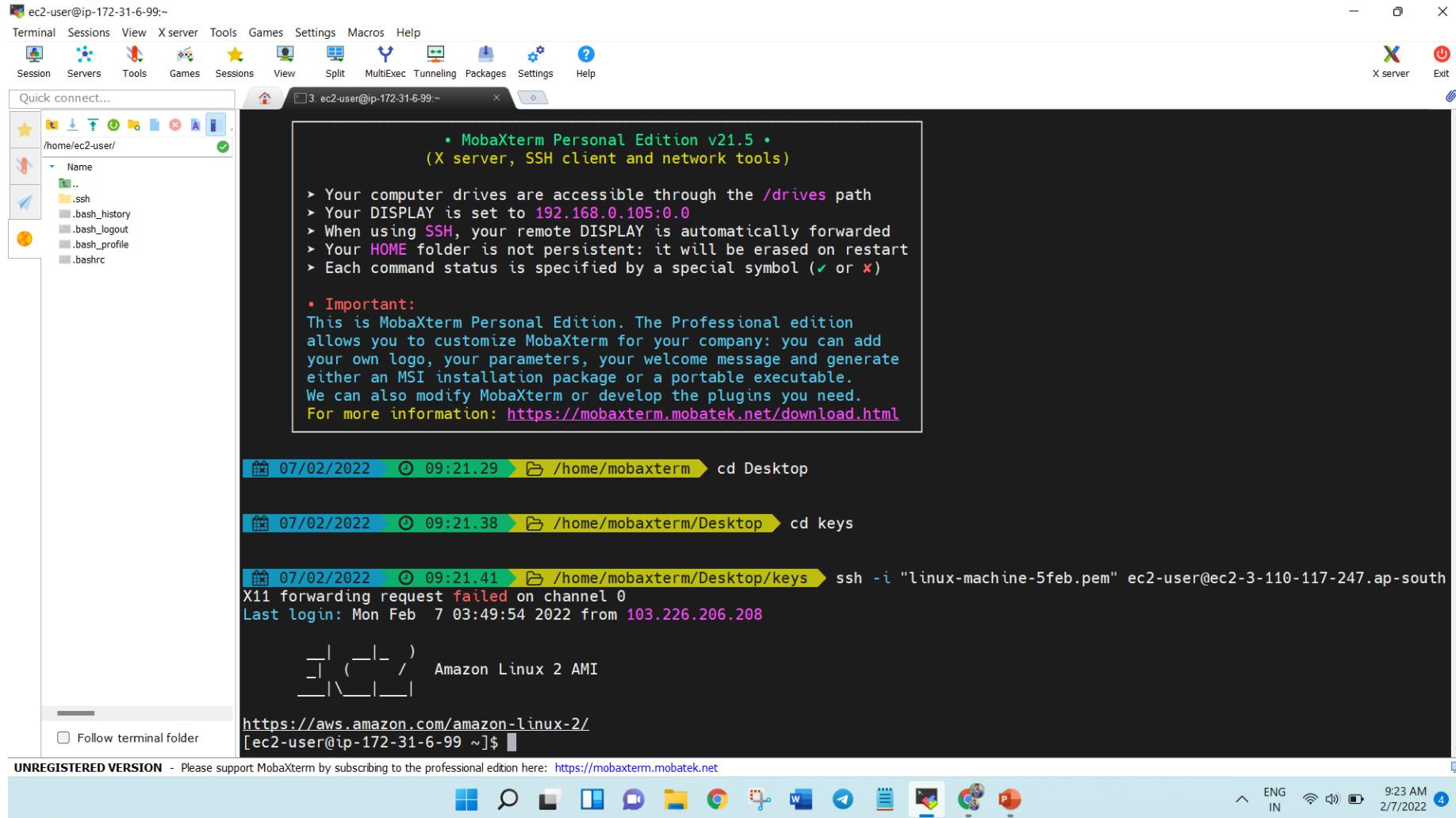


Made By

Satish Rajurkar

Vaibhav Sarode



- Login to your Linux Machine using MobaXterm
- Use **sudo su -**
- Use **cd /**

The screenshot shows a MobaXterm interface. On the left is a terminal window titled '3. root@ip-172-31-6-99:/7feb' displaying a root shell session. The session history includes commands like 'mkdir 7feb', 'cd 7feb', and 'pwd'. On the right is a Notepad++ window titled 'new 1 - Notepad++' containing a text file with the following content:

```
1 Command:  
2  
3 mkdir 7feb  
4  
5 vi file1.txt
```

The Notepad++ status bar indicates the file has 48 length, 5 lines, and is at position 49. The system tray at the bottom shows various icons and the date/time: 9:28 AM, 2/7/2022.

- Make one directory using **mkdir 7feb**
- Make one file using **vi file1.txt**

The screenshot shows a terminal window titled "root@ip-172-31-6-99:7feb" displaying a poem. The poem discusses Velocity Corporate Training Center's focus on family members, their conduct of daily telephonic Mock interviews, and the involvement of Velocity Alumni who have experience more than 3 years. It also mentions maintaining individual records and preparing resumes. Below the poem, a series of tilde (~) symbols are listed vertically.

```
Velocity Corporate Training Center is not a
class or institute it's a family
who cares about every family members, we conduct
daily telephonic Mock interview which interns helps
students in the telephonic round at the time of
interview. Along with these Velocity Alumni who
placed in MNC's and have experience more than 3
years conduct Mock interviews on weekends.
We maintain every individual's record and at the
last based on that we prepare students best quality resumes.
Writing resume is a skill to promote yourself in current challenging market.
Skilful and value added resume will be prepared and
uploaded by experienced and skilled trainers of Velocity.
```

-- INSERT --

The terminal window also displays the following status bar text: "UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>"

A second window titled "new 1 - Notepad++" is open, showing a list of commands:

```
1 Command:
2
3 mkdir 7feb
4
5 vi file1.txt
```

The status bar of the Notepad++ window shows: "length Ln : 5 Col : 15 Pos : 49" and "Windows (CR LF) UTF-8 INS".

The system tray at the bottom right shows icons for ENG IN, battery level (4), signal strength, and the date/time: 9:33 AM 2/7/2022.

- Add some text

A screenshot of a terminal window titled "root@ip-172-31-6-99:7feb". The window displays a text document with the following content:

Velocity Corporate Training Center is not a class or institute it's a family who cares about every family members, we conduct daily telephonic Mock interview which interns helps students in the telephonic round at the time of interview. Along with these Velocity Alumni who placed in MNC's and have experience more than 3 years conduct Mock interviews on weekends. We maintain every individual's record and at the last based on that we prepare students best quality resumes. Writing resume is a skill to promote yourself in current challenging market. Skilful and value added resume will be prepared and uploaded by experienced and skilled trainers of Velocity.

The terminal window has a dark background with light-colored text. The top bar includes a menu with options like Terminal, Sessions, View, X server, Tools, Games, Settings, Macros, Help, and a toolbar with icons for Session, Servers, Tools, Games, Sessions, View, Split, MultiExec, Tunneling, Packages, Settings, and Help. The bottom status bar shows system information and a date/time stamp of 9:34 AM 2/7/2022.

- Save file using `:x`

The screenshot shows a MobaXterm interface. On the left is a terminal window titled 'Qu' with session number '3'. The terminal content is as follows:

```
[root@ip-172-31-6-99 ~]#
[root@ip-172-31-6-99 ~]#
[root@ip-172-31-6-99 ~]#
[root@ip-172-31-6-99 ~]# mkdir 7feb
[root@ip-172-31-6-99 ~]# cd 7feb
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# pwd
/7feb
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# vi file1.txt
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# ls -lt
total 4
-rw-r--r-- 1 root root 687 Feb  7 04:04 file1.txt
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# du -sh file1.txt
```

To the right of the terminal is a Notepad++ window titled 'new 1 - Notepad++'. It contains the following text:

```
1
2 Command:
3
4 du -sh file1.txt
```

The Notepad++ status bar at the bottom shows: length Ln : 4 Col : 19 Pos : 39 Windows (CR LF) UTF-8 INS.

At the bottom of the MobaXterm window, there is a message: 'UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>'.

- Use **du –sh file1.txt** to check file size

The screenshot shows a MobaXterm interface with a terminal session and a Notepad++ window.

MobaXterm Terminal Session:

- Session: 3. root@ip-172-31-6-99:7feb
- Commands run:
 - [root@ip-172-31-6-99 /]#
 - [root@ip-172-31-6-99 /]#
 - [root@ip-172-31-6-99 /]#
 - [root@ip-172-31-6-99 /]# mkdir 7feb
 - [root@ip-172-31-6-99 /]# cd 7feb
 - [root@ip-172-31-6-99 7feb]#
 - [root@ip-172-31-6-99 7feb]# pwd
 - /7feb
 - [root@ip-172-31-6-99 7feb]#
 - [root@ip-172-31-6-99 7feb]# vi file1.txt
 - [root@ip-172-31-6-99 7feb]#
 - [root@ip-172-31-6-99 7feb]# ls -lt
 - total 4
 - rw-r--r-- 1 root root 687 Feb 7 04:04 file1.txt
 - [root@ip-172-31-6-99 7feb]#
 - [root@ip-172-31-6-99 7feb]# du -sh file1.txt
 - 4.0K file1.txt
 - [root@ip-172-31-6-99 7feb]#

Notepad++ Window:

- Title: *new 1 - Notepad++
- Content:
 - 1
 - 2 Command:
 - 3
 - 4 du -sh file1.txt
- Status bar:
 - length Ln : 4 Col : 19 Pos : 39
 - Windows (CR LF) UTF-8
 - INS

Bottom Status Bar:

- UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>
- Icons for File Explorer, Task View, Start, Control Panel, File History, OneDrive, Edge, Google Chrome, File Explorer, Mail, Calendar, Photos, Paint 3D, and File History.
- Language: ENG IN
- Network: Wi-Fi
- Battery: 9:35 AM 2/7/2022

- Here you can able to see file size

The screenshot shows a Linux desktop environment with a terminal window and a code editor window.

Terminal Window:

```
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# touch temp1 temp2 temp3 temp4
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# mkdir dir1 dir2 dir3
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# ls -lt
total 4
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir1
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir2
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp1
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp2
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp4
-rw-r--r-- 1 root root 687 Feb 7 04:04 file1.txt
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]#
```

Notepad++ Window:

```
*new 1 - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins
Window ?
new 1 new 2
2 Command:
3
4 touch temp1 temp2 temp3
5
6 mkdir dir1 dir2 dir3
7
8 ls -lt|
```

The terminal window shows the execution of the commands: touch, mkdir, and ls -lt. The Notepad++ window shows the commands entered into the editor, with the last command (ls -lt) being highlighted.

- Now make 3 files using **touch** command
- Make 3 directories using **mkdir** command
- Use **ls -lt** to view the created files and directories

The screenshot shows a MobaXterm interface with two windows. The left window is a terminal session titled 'Qu' with the path '3. root@ip-172-31-6-99:/'. It displays the following command-line session:

```
[root@ip-172-31-6-99 ~]# touch temp1 temp2 temp3 temp4
[root@ip-172-31-6-99 ~]# echo "Hello, World!" > file1.txt
[root@ip-172-31-6-99 ~]# ls -lt
total 12
drwxr-xr-x  5 root root 111 Feb  7 04:08 7feb
dr-xr-x---  3 root root 140 Feb  7 04:04 root
drwxrwxrwt  8 root root 172 Feb  7 03:38 tmp
drwxr-xr-x 28 root root 960 Feb  6 22:39 run
drwxr-xr-x 80 root root 8192 Feb  5 09:06 etc
drwxr-xr-x  3 root root 22 Feb  5 09:06 home
drwxr-xr-x 15 root root 2900 Feb  5 09:06 dev
drwxr-xr-x 19 root root 269 Feb  5 09:06 var
dr-xr-xr-x 159 root root  0 Feb  5 09:06 proc
dr-xr-xr-x 13 root root  0 Feb  5 09:06 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-172-31-6-99 ~]#
```

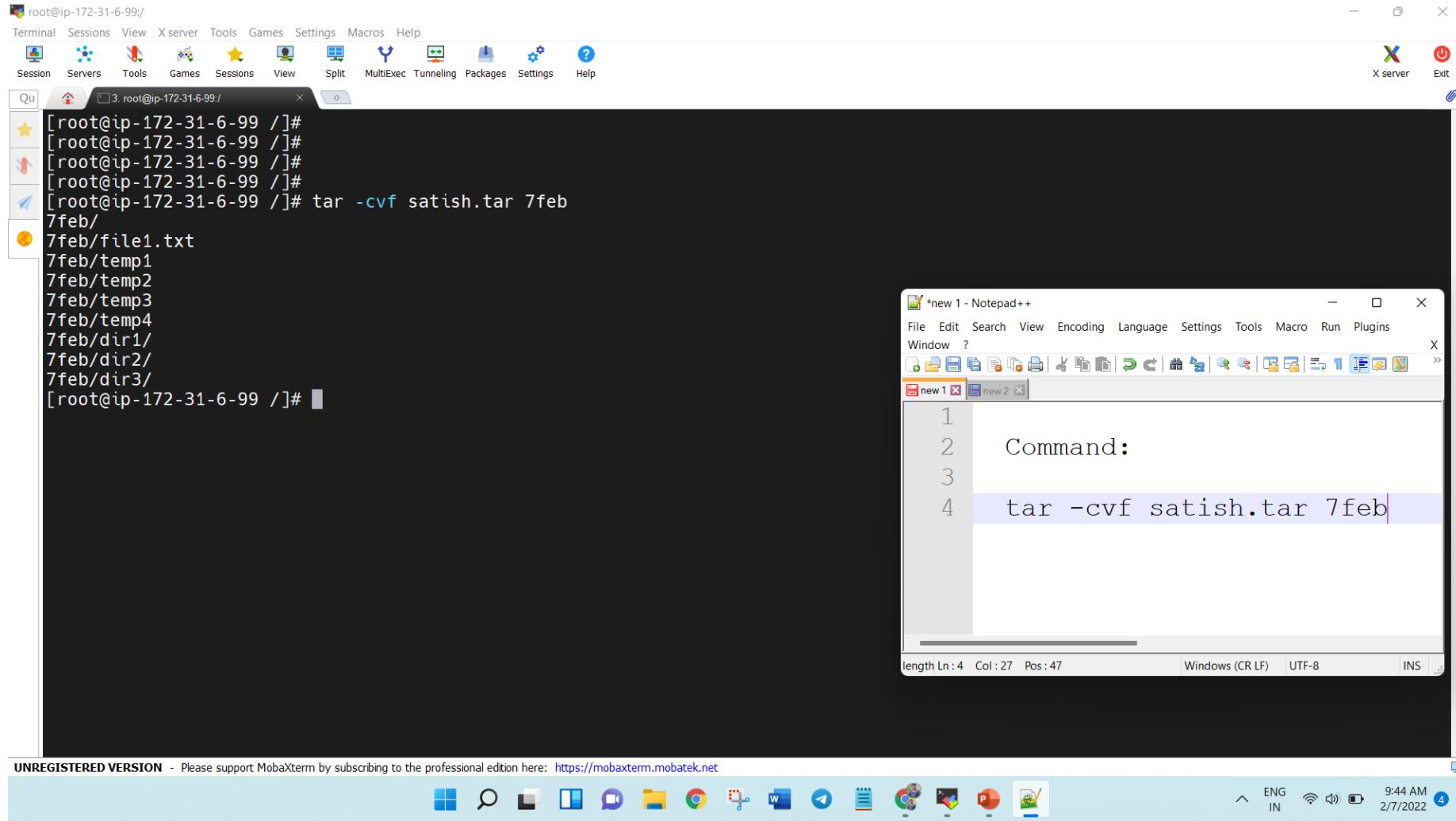
The right window is a Notepad++ editor titled 'new 1 - Notepad++' with the file path 'C:\Windows\system32\cmd.exe'. It contains the following text:

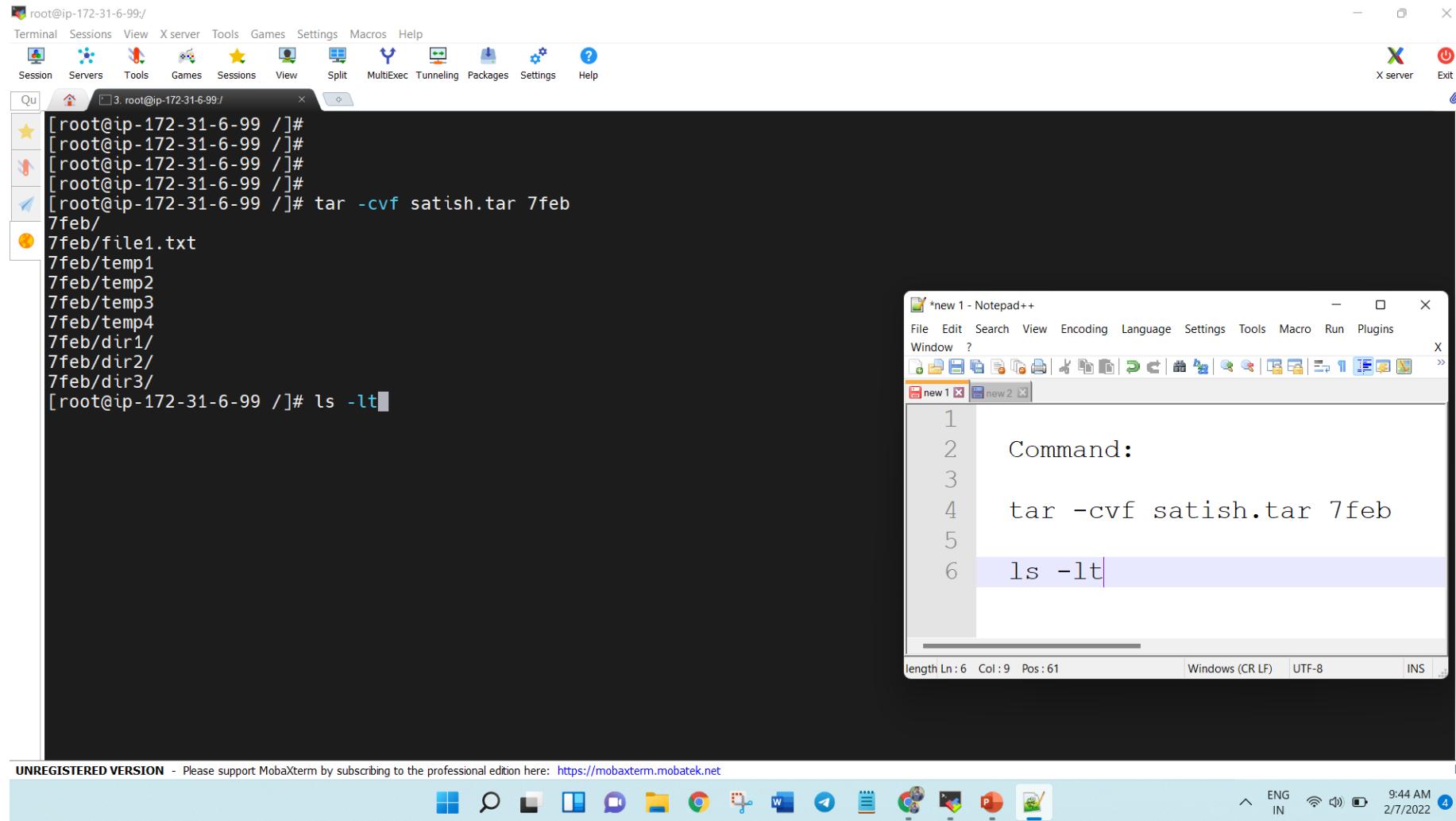
```
1
2 Command:
3
4 cd ..
5
6 ls -lt
```

- Go to root using `cd ..`

The screenshot shows a MobaXterm interface. On the left is a terminal window titled '3. root@ip-172-31-6-99:' with a black background. It displays the command 'tar -cvf satish.tar 7feb' being typed at the root prompt. On the right is a Notepad++ window titled 'new 1 - Notepad++' with a white background. It shows the same command 'tar -cvf satish.tar 7feb' on line 4. The Notepad++ status bar indicates 'length Ln : 4 Col : 27 Pos : 47'. The system tray at the bottom shows icons for network, battery, and date/time (9:44 AM, 2/7/2022). The MobaXterm status bar at the bottom says 'UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>'.

- Use **tar -cvf satish.tar 7feb** and press enter.
- This command is used to create archive
-c= create -v=verbose -f=force





The screenshot shows a MobaXterm interface with two windows. The left window is a terminal session titled '3. root@ip-172-31-6-99:/'. It displays the output of the command 'ls -lt' which lists numerous files and directories in the root directory, including 'satish.tar' and several symbolic links like 'bin', 'lib', 'lib64', 'sbin', and 'usr'. The right window is a Notepad++ editor titled 'new 1 - Notepad++'. It contains a text area with numbered steps: 1, 2, 3, 4, 5, and 6. Step 4 shows the command 'tar -cvf satish.tar 7feb'. Step 6 shows the command 'ls -lt' with the cursor positioned at the end of the line.

```
[root@ip-172-31-6-99 /]# ls -lt
total 24
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
drwxr-xr-x 5 root root 111 Feb 7 04:08 7feb
dr-xr-x--- 3 root root 140 Feb 7 04:04 root
drwxrwxrwt 8 root root 172 Feb 7 03:38 tmp
drwxr-xr-x 28 root root 960 Feb 6 22:39 run
drwxr-xr-x 80 root root 8192 Feb 5 09:06 etc
drwxr-xr-x 3 root root 22 Feb 5 09:06 home
drwxr-xr-x 15 root root 2900 Feb 5 09:06 dev
drwxr-xr-x 19 root root 269 Feb 5 09:06 var
dr-xr-xr-x 159 root root 0 Feb 5 09:06 proc
dr-xr-xr-x 13 root root 0 Feb 5 09:06 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-172-31-6-99 /]#
```

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

- To check our archived file use **ls -lt**

The screenshot shows a MobaXterm interface. On the left, there's a sidebar with icons for Session, Servers, Tools, Games, Sessions, View, Split, MultiExec, Tunneling, Packages, Settings, and Help. The main terminal window has tabs for 'Qu' and '3. root@ip-172-31-6-99/'. The terminal content is:

```
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# mv satish.tar /mnt
```

To the right of the terminal is a Notepad++ window titled 'new 1 - Notepad++'. It contains the following text:

```
1
2 Command:
3
4 mv satish.tar /mnt
```

The status bar at the bottom of the Notepad++ window shows: length Ln : 4 Col : 21 Pos : 41 Windows (CR LF) UTF-8 INS.

At the very bottom of the screen, there's a taskbar with various icons for Microsoft Office applications like Word, Excel, and PowerPoint, along with other system icons. A message in the taskbar says: 'UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>'.

- Move this satish.tar file to mnt
- Use **mv satish.tar /mnt** to perform this action

The screenshot shows a terminal session in MobaXterm and a Notepad++ window. The terminal window title is "3. root@ip-172-31-6-99:/mnt". The terminal content is:

```
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# mv satish.tar /mnt
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# cd /mnt
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# ls -lt
total 12
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
[root@ip-172-31-6-99 mnt]#
```

The Notepad++ window title is "new 1 - Notepad++". It contains the following text:

```
2 Command:
3
4 mv satish.tar /mnt
5
6 cd /mnt
7
8 ls -lt|
```

At the bottom of the Notepad++ window, the status bar shows: length Ln : 8 Col : 9 Pos : 70 Windows (CR LF) UTF-8 INS.

At the very bottom of the screen, there is a taskbar with various icons and a system tray showing the date and time (9:47 AM 2/7/2022).

- Use **ls -lt** to check
- It is moved successfully

The screenshot shows a terminal window titled "root@ip-172-31-6-99:/mnt". The terminal session displays the following commands and output:

```
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# mv satish.tar /mnt
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# cd /mnt
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# ls -lt
total 12
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# tar -xvf satish.tar
```

To the right of the terminal, a Notepad++ window is open with the title "new 1 - Notepad++". It contains the command:

```
1
2 Command:
3
4 tar -xvf satish.tar
```

The Notepad++ status bar shows the following information:

length Ln : 4 Col : 22 Pos : 42 Windows (CR LF) UTF-8 INS

At the bottom of the terminal window, there is a message: "UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>".

- Use **tar –xvf satish.tar**
- This command is used to extract archive **-x=extract**

The screenshot shows a MobaXterm window with a terminal session and a Notepad++ window.

MobaXterm Terminal Session:

```
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# mv satish.tar /mnt
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# cd /mnt
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# ls -lt
total 12
-rw-r--r-- 1 root root 10240 Feb  7 04:14 satish.tar
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# tar -xvf satish.tar
7feb/
7feb/file1.txt
7feb/temp1
7feb/temp2
7feb/temp3
7feb/temp4
7feb/dir1/
7feb/dir2/
7feb/dir3/
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# ls -lt
total 12
-rw-r--r-- 1 root root 10240 Feb  7 04:14 satish.tar
drwxr-xr-x 5 root root   111 Feb  7 04:08 7feb
[root@ip-172-31-6-99 mnt]#
```

Notepad++ Content:

```
1
2      Command:
3
4      tar -xvf satish.tar
5
6      ls -lt
```

System Tray:

- ENG IN
- Wi-Fi icon
- Battery icon
- 9:49 AM 2/7/2022
- Notification icon (4)

- Our file is extracted successfully.
- To check the result use **ls -lt**
- Here result is **7feb**

The screenshot shows a MobaXterm interface with a terminal window and a Notepad++ window.

Terminal Window:

```
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# cd 7feb
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# pwd
/mnt/7feb
[root@ip-172-31-6-99 7feb]# ls -lt
total 4
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir1
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir2
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp1
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp2
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp4
-rw-r--r-- 1 root root 687 Feb 7 04:04 file1.txt
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# pwd
/mnt/7feb
[root@ip-172-31-6-99 7feb]#
```

Notepad++ Window:

*new 1 - Notepad++

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

new 1 new 2

```
1
2 Command:
3
4 cd 7feb
5
6 pwd
7
8 ls -lt
```

length : 62 lines : 1 Ln : 8 Col : 9 Pos : 55 Windows (CR LF) UTF-8 INS

System Tray:

- Windows Start button
- Search icon
- File Explorer icon
- Chat icon
- Folder icon
- Google Chrome icon
- Microsoft Edge icon
- File Explorer icon
- Calculator icon
- Power icon
- Network icon
- Battery icon
- Volume icon
- Screen resolution icon
- Language: ENG IN
- Wi-Fi icon
- Bluetooth icon
- Power icon
- 9:53 AM 2/7/2022

Bottom Bar:

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

The screenshot shows a MobaXterm interface. At the top is a menu bar with options like Terminal, Sessions, View, Xserver, Tools, Games, Settings, Macros, and Help. Below the menu is a toolbar with icons for Session, Servers, Tools, Games, Sessions, View, Split, MultiExec, Tunneling, Packages, Settings, and Help. On the right side of the interface are buttons for X server and Exit. A status bar at the bottom indicates an unregistered version and provides system information.

MobaXterm Terminal Session:

```
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# du -sh *
4.0K    7feb
12K      satish.tar
[root@ip-172-31-6-99 mnt]#
```

Notepad++ Content:

```
*new 1 - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
new 1 new 2
1
2   Command:
3
4   du -sh *
5
6
```

Length: 38 Lines: 6 Ln: 4 Col: 11 Pos: 31 Windows (CR LF) UTF-8 INS

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

9:54 AM 2/7/2022 4

- Check the size of file using **du -sh ***

The screenshot shows a MobaXterm window with a terminal session and a Notepad++ window.

MobaXterm Terminal Session:

```
[root@ip-172-31-6-99 mnt]# du -sh *
4.0K    7feb
12K    satish.tar
[root@ip-172-31-6-99 mnt]# ls -lt
total 12
-rw-r--r-- 1 root root 10240 Feb  7 04:14 satish.tar
drwxr-xr-x 5 root root   111 Feb  7 04:08 7feb
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# zip -r vaibhav.zip 7feb
```

Notepad++ Content:

```
1 Command:
2
3
4 ls -lt
5
6 zip -r vaibhav.zip 7feb
7
8
```

At the bottom of the terminal window, there is a message: "UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>"

- Now go to mnt using previous commands.
- Here we have to zip the **7feb**
- So use **zip -r vaibhav.zip 7feb** press enter

The screenshot shows a MobaXterm interface. At the top, there's a menu bar with options like Terminal, Sessions, View, X server, Tools, Games, Settings, Macros, Help, and a toolbar with icons for Session, Servers, Tools, Games, Sessions, View, Split, MultiExec, Tunneling, Packages, Settings, and Help.

In the main terminal window, the command `ls -lt` is run, showing a directory listing:

```
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
drwxr-xr-x 5 root root 111 Feb 7 04:32 7feb
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
[root@ip-172-31-6-99 mnt]#
```

Below the terminal is a Notepad++ window titled "new 1 - Notepad++". It contains the following text:

```
1
2 Command:
3
4 zip -r vaibhav.zip 7feb
5
6 ls -lt
7
8
```

The status bar at the bottom of the Notepad++ window shows: length : 75 lines : 1 Ln : 6 Col : 9 Pos : 60. The file encoding is set to Windows (CR LF) and the character set is UTF-8. The input mode is set to INS.

At the very bottom, there's a footer bar with the text "UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>". The system tray on the right shows various icons for network, battery, and system status.

- To check result use **ls -lt**

The screenshot shows a MobaXterm interface with two windows. The left window is a terminal session titled 'Qu' with the identifier '3. root@ip-172-31-6-99:/mnt'. It displays the following command-line session:

```
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
drwxr-xr-x 5 root root 111 Feb 7 04:32 7feb
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
[root@ip-172-31-6-99 mnt]# rm -rf 7feb
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
[root@ip-172-31-6-99 mnt]#
```

The right window is a Notepad++ editor titled 'new 1 - Notepad++'. It contains the following text:

```
1 Command:
2
3
4 ls -lt
5
6 rm -rf 7feb
7
8 ls -lt|
```

At the bottom of the Notepad++ window, the status bar shows: length : 77 lines : 1 Ln : 8 Col : 9 Pos : 62 Windows (CR LF) UTF-8 INS.

At the very bottom of the MobaXterm interface, there is a status bar with icons for file operations, network connectivity, battery level, and system time (10:04 AM 2/7/2022).

- Remove 7feb directory using **rm –rf 7feb**

The screenshot shows a MobaXterm interface. On the left, a terminal window titled '3. root@ip-172-31-6-99:/mnt' displays the following command-line session:

```
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
drwxr-xr-x 5 root root 111 Feb 7 04:32 7feb
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
[root@ip-172-31-6-99 mnt]# rm -rf 7feb
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# unzip vaibhav.zip
```

On the right, a Notepad++ window titled 'new 1 - Notepad++' contains the following text:

```
1
2 Command:
3
4 unzip vaibhav.zip
5
6
7
8
```

The status bar at the bottom of the MobaXterm window shows:

length : 55 lines : 8 Ln : 4 Col : 20 Pos : 40
Windows (CR LF) UTF-8 INS

The taskbar at the bottom of the screen shows various application icons.

- Now unzip the vaibhav.zip
- Use **unzip vaibhav.zip** press enter

The screenshot shows a MobaXterm interface with two windows. The left window is a terminal session titled '3. root@ip-172-31-6-99:/mnt'. It displays a series of Linux commands and their outputs:

```
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
drwxr-xr-x 5 root root 111 Feb 7 04:32 7feb
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# rm -rf 7feb
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# unzip vaibhav.zip
Archive: vaibhav.zip
  creating: 7feb/
  inflating: 7feb/file1.txt
  extracting: 7feb/temp1
  extracting: 7feb/temp2
  extracting: 7feb/temp3
  extracting: 7feb/temp4
    creating: 7feb/dir1/
    creating: 7feb/dir2/
    creating: 7feb/dir3/
[root@ip-172-31-6-99 mnt]#
```

The right window is a Notepad++ editor titled 'new 1 - Notepad++' with the file name 'new 1'. It contains the following text:

```
1
2 Command:
3
4 unzip vaibhav.zip
5
6
7
8
```

The status bar at the bottom of the Notepad++ window shows: length : 55 lines : 8 Ln : 4 Col : 20 Pos : 40 Windows (CR LF) UTF-8 INS.

At the bottom of the MobaXterm interface, there is a message: 'UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>'.

- File unzipped successfully

The screenshot shows a MobaXterm interface with two windows. The left window is a terminal session titled 'Qu' with the path '3. root@ip-172-31-6-99:/mnt'. It displays a series of commands and their outputs:

```
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
drwxr-xr-x 5 root root 111 Feb 7 04:32 7feb
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# rm -rf 7feb
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# unzip vaibhav.zip
Archive: vaibhav.zip
  creating: 7feb/
  inflating: 7feb/file1.txt
  extracting: 7feb/temp1
  extracting: 7feb/temp2
  extracting: 7feb/temp3
  extracting: 7feb/temp4
    creating: 7feb/dir1/
    creating: 7feb/dir2/
    creating: 7feb/dir3/
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
drwxr-xr-x 5 root root 111 Feb 7 04:08 7feb
[root@ip-172-31-6-99 mnt]#
```

The right window is a Notepad++ editor titled 'new 1 - Notepad++' with the file path 'new 1'. It contains the following text:

```
1 Command:
2
3
4
5
6
7
8
```

The status bar at the bottom of the Notepad++ window shows: length : 69 lines : 11 Ln : 6 Col : 9 Pos : 54 Windows (CR LF) UTF-8 INS ↵

- Use **ls -lt** to check result
- Here you can see it is **7feb**

The screenshot shows a MobaXterm interface. On the left, a terminal window titled 'root@ip-172-31-6-99:/mnt' displays the following command-line session:

```
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
-rw-r--r-- 1 root root 1744 Feb  7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb  7 04:14 satish.tar
drwxr-xr-x 5 root root 111 Feb  7 04:08 7feb
[root@ip-172-31-6-99 mnt]# du -sh *
4.0K    7feb
12K    satish.tar
4.0K    vaibhav.zip
[root@ip-172-31-6-99 mnt]#
```

On the right, a Notepad++ window titled 'new 1 - Notepad++' shows the commands entered in the terminal:

```
1 Command:
2
3
4 ls -lt
5
6 du -sh *
7
8
```

At the bottom of the terminal window, there is an unregistered version notice:

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

The taskbar at the bottom of the screen includes icons for various Windows applications like File Explorer, Task View, and Control Panel.

- Check size of all files and directories using **du -sh ***

The screenshot shows a MobaXterm window with two panes. The left pane is a terminal session titled '3. root@ip-172-31-6-99:/mnt'. It displays the following commands and output:

```
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
-rw-r--r-- 1 root root 1744 Feb  7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb  7 04:14 satish.tar
drwxr-xr-x 5 root root 111 Feb  7 04:08 7feb
[root@ip-172-31-6-99 mnt]# du -sh *
4.0K 7feb
12K  satish.tar
4.0K  vaibhav.zip
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# gzip vaibhav.zip
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# gzip satish.tar
```

The right pane is a Notepad++ window titled 'new 1 - Notepad++' containing the following text:

```
1 Command:
2
3
4 gzip vaibhav.zip
5
6 gzip satish.tar
7
8
```

At the bottom of the terminal pane, there is a message: 'UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>'.

- To compress any file use **gzip** command **filename** and press enter
- Here use **gzip vaibhav.zip** press enter
- Again I used here **gzip satish.tar** press enter

The screenshot shows a MobaXterm interface. On the left, a terminal window titled 'root@ip-172-31-6-99:/mnt' displays a series of Linux commands and their outputs. The user runs 'ls -lt' to list files, 'du -sh *' to show disk usage, and 'gzip' commands to compress 'vaibhav.zip' and 'satish.tar'. On the right, a Notepad++ window titled 'new 1 - Notepad++' contains a script with numbered lines. Lines 1 through 5 are blank. Line 6 contains the command 'gzip satish.tar', which is highlighted with a purple selection bar. The status bar at the bottom of the Notepad++ window shows file statistics: length: 77, lines: 11 Ln: 6, Col : 18, Pos : 62, and encoding: Windows (CR LF), UTF-8, INS.

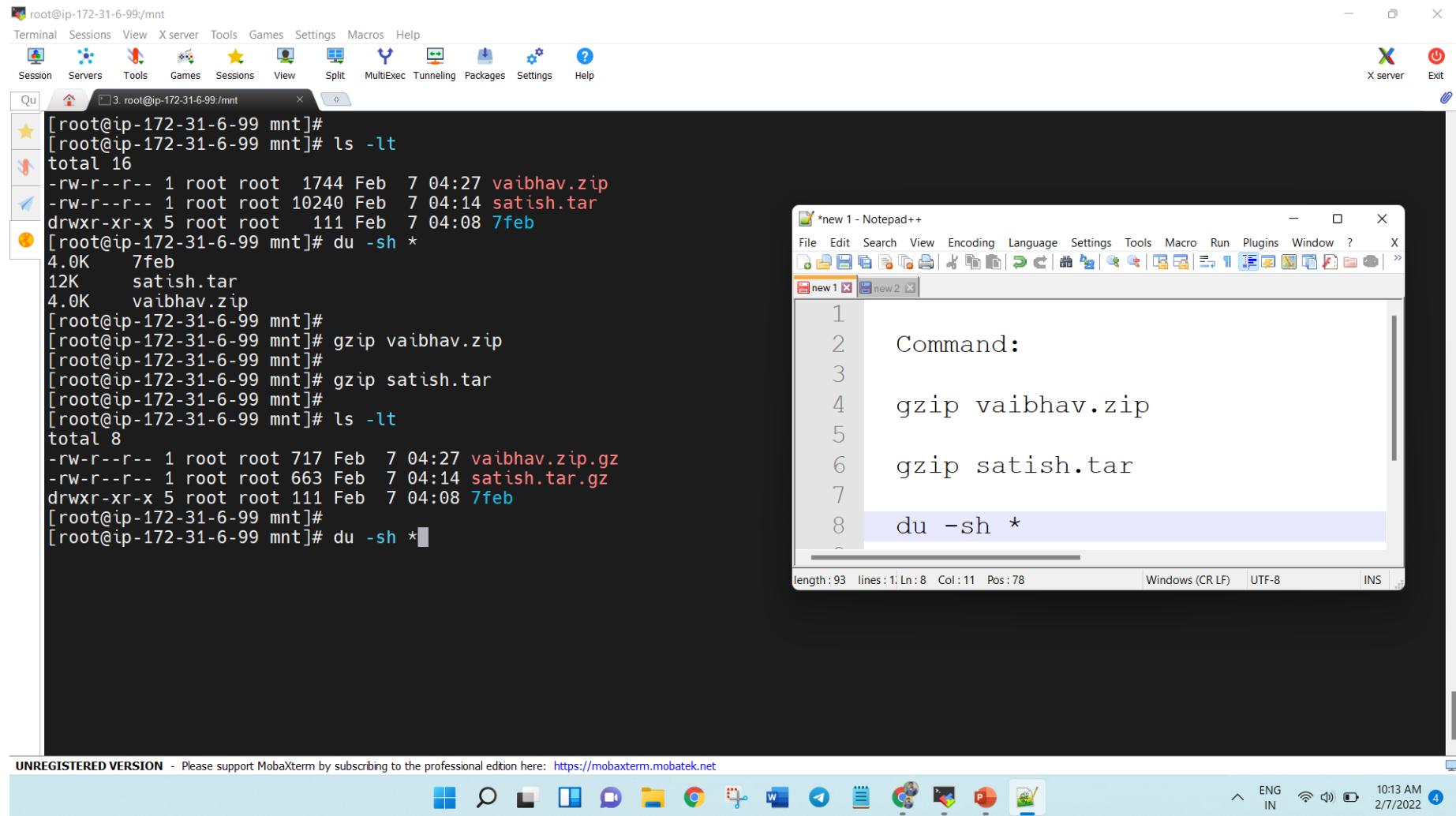
```
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
drwxr-xr-x 5 root root 111 Feb 7 04:08 7feb
[root@ip-172-31-6-99 mnt]# du -sh *
4.0K 7feb
12K satish.tar
4.0K vaibhav.zip
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# gzip vaibhav.zip
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# gzip satish.tar
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# ls -lt
total 8
-rw-r--r-- 1 root root 717 Feb 7 04:27 vaibhav.zip.gz
-rw-r--r-- 1 root root 663 Feb 7 04:14 satish.tar.gz
drwxr-xr-x 5 root root 111 Feb 7 04:08 7feb
[root@ip-172-31-6-99 mnt]#
```

1
2 Command:
3
4 gzip vaibhav.zip
5
6 gzip satish.tar|
7
8

length : 77 lines : 11 Ln : 6 Col : 18 Pos : 62 Windows (CR LF) UTF-8 INS

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

- To check result use **ls -lt**



The screenshot shows a MobaXterm window with two panes. The left pane is a terminal session titled '3. root@ip-172-31-6-99:/mnt'. It displays the following command-line session:

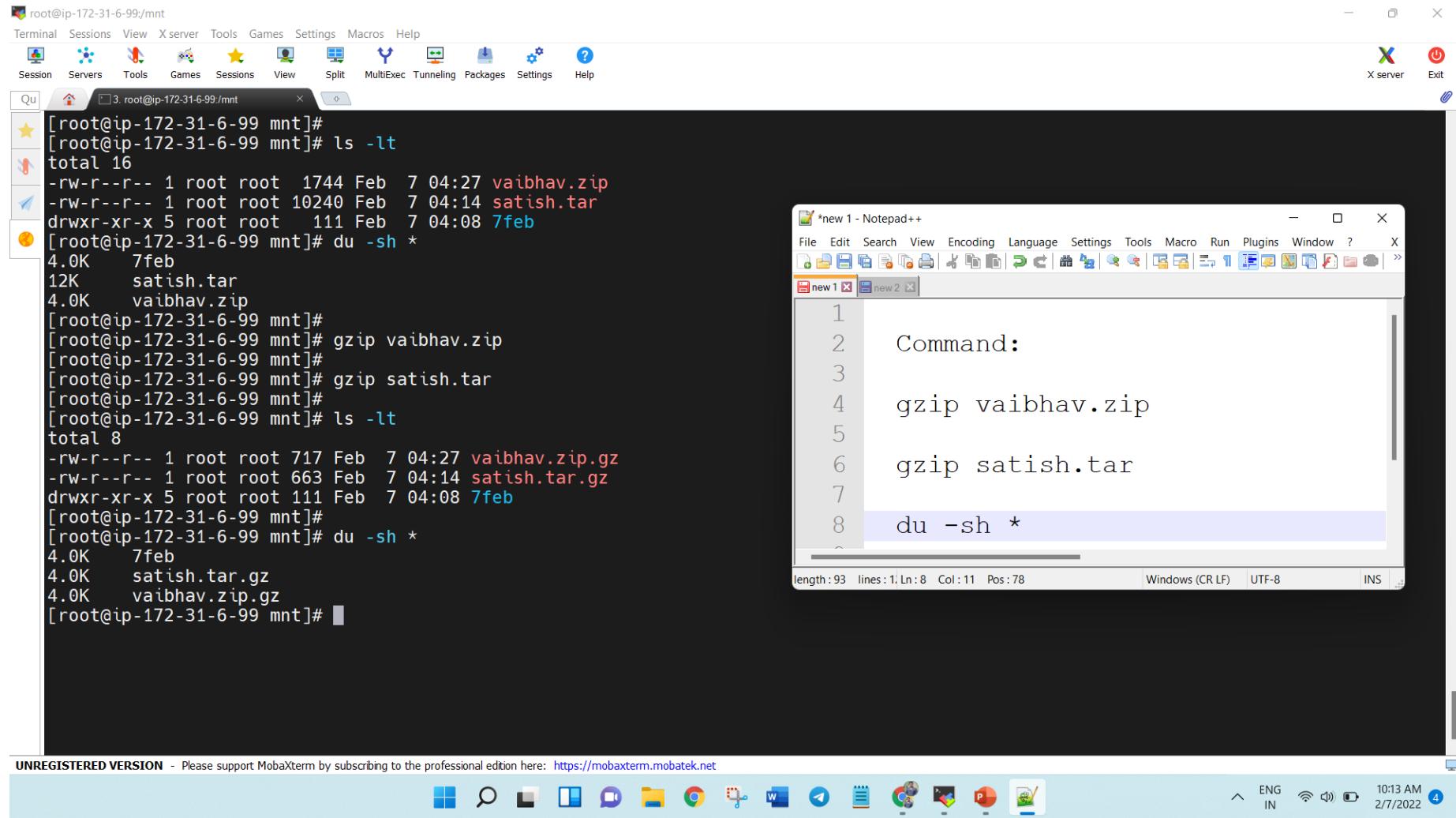
```
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
drwxr-xr-x 5 root root 111 Feb 7 04:08 7feb
[root@ip-172-31-6-99 mnt]# du -sh *
4.0K 7feb
12K satish.tar
4.0K vaibhav.zip
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# gzip vaibhav.zip
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# gzip satish.tar
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# ls -lt
total 8
-rw-r--r-- 1 root root 717 Feb 7 04:27 vaibhav.zip.gz
-rw-r--r-- 1 root root 663 Feb 7 04:14 satish.tar.gz
drwxr-xr-x 5 root root 111 Feb 7 04:08 7feb
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# du -sh *
```

The right pane is a Notepad++ window titled 'new 1 - Notepad++' containing the following text:

```
1 Command:
2
3 gzip vaibhav.zip
4
5 gzip satish.tar
6
7 du -sh *
8
```

At the bottom of the terminal pane, there is a message: 'UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>'.

- Check their size by **du -sh ***



The screenshot shows a MobaXterm window with two panes. The left pane is a terminal session for root user on a Linux system (ip-172-31-6-99). The right pane is a Notepad++ editor.

Terminal Session (Left Pane):

```
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
drwxr-xr-x 5 root root 111 Feb 7 04:08 7feb
[root@ip-172-31-6-99 mnt]# du -sh *
4.0K    7feb
12K    satish.tar
4.0K    vaibhav.zip
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# gzip vaibhav.zip
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# gzip satish.tar
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# ls -lt
total 8
-rw-r--r-- 1 root root 717 Feb 7 04:27 vaibhav.zip.gz
-rw-r--r-- 1 root root 663 Feb 7 04:14 satish.tar.gz
drwxr-xr-x 5 root root 111 Feb 7 04:08 7feb
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# du -sh *
4.0K    7feb
4.0K    satish.tar.gz
4.0K    vaibhav.zip.gz
[root@ip-172-31-6-99 mnt]#
```

Notepad++ Editor (Right Pane):

```
new 1 - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ? X
new 1 new 2
1 Command:
2 gzip vaibhav.zip
3
4 gzip satish.tar
5
6
7
8 du -sh *
```

The Notepad++ editor has 8 lines of text corresponding to the commands run in the terminal. Lines 1 through 7 are command entries, and line 8 is the output of the 'du -sh *' command.

- Here we are able to see sizes of the files is reduced.

The screenshot shows a MobaXterm interface. On the left, a terminal window titled 'Qu' displays a root shell on a Linux system. The user has run the command 'ls -lt' to list files in the current directory, which contains three files: 'vaibhav.zip.gz', 'satish.tar.gz', and '7feb'. On the right, a Notepad++ window titled 'new 1 - Notepad++' shows the command 'gunzip vaibhav.zip.gz' entered in the editor area. The status bar at the bottom of the Notepad++ window indicates the command length is 59, there are 8 lines, the cursor is at Ln:4 Col:24 Pos:44, and the encoding is UTF-8. The system tray at the bottom right shows the date and time as 10:16 AM 2/7/2022.

```
[root@ip-172-31-6-99 mnt]# ls -lt
total 8
-rw-r--r-- 1 root root 717 Feb  7 04:27 vaibhav.zip.gz
-rw-r--r-- 1 root root 663 Feb  7 04:14 satish.tar.gz
drwxr-xr-x 5 root root 111 Feb  7 04:08 7feb
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# gunzip vaibhav.zip.gz
```

*new 1 - Notepad++

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

new 1 new 2

1
2 Command:
3
4 gunzip vaibhav.zip.gz
5
6
7
8

length : 59 lines : 8 Ln : 4 Col : 24 Pos : 44 Windows (CR LF) UTF-8 INS

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

10:16 AM 2/7/2022 ENG IN 4

- To unzip the compresses files we are using **gunzip**
- Here **gunzip vaibhav.zip.gz** and press enter

The screenshot shows a MobaXterm interface. On the left is a terminal window titled 'root@ip-172-31-6-99:/mnt'. It displays the following command-line session:

```
[root@ip-172-31-6-99 mnt]# ls -lt
total 8
-rw-r--r-- 1 root root 717 Feb  7 04:27 vaibhav.zip.gz
-rw-r--r-- 1 root root 663 Feb  7 04:14 satish.tar.gz
drwxr-xr-x 5 root root 111 Feb  7 04:08 7feb
[root@ip-172-31-6-99 mnt]# gunzip vaibhav.zip.gz
[root@ip-172-31-6-99 mnt]# gunzip satish.tar.gz
```

On the right is a Notepad++ window titled 'new 1 - Notepad++' with two tabs: 'new 1' and 'new 2'. The 'new 1' tab contains the following text:

```
1 Command:
2
3
4 gunzip vaibhav.zip.gz
5
6 gunzip satish.tar.gz
7
8
```

The status bar at the bottom of the Notepad++ window shows: length : 87 lines : 11 Ln : 6 Col : 23 Pos : 72 Windows (CR LF) UTF-8 INS.

At the very bottom of the MobaXterm interface, there is a taskbar with various icons for file management and system tools. A message in the center of the taskbar reads: 'UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>'.

- Again I used **gunzip satish.tar.gz** press enter

The screenshot shows a MobaXterm interface with two windows. The left window is a terminal session titled '3. root@ip-172-31-6-99:/mnt'. It displays the following command-line session:

```
[root@ip-172-31-6-99 mnt]# ls -lt
total 8
-rw-r--r-- 1 root root 717 Feb 7 04:27 vaibhav.zip.gz
-rw-r--r-- 1 root root 663 Feb 7 04:14 satish.tar.gz
drwxr-xr-x 5 root root 111 Feb 7 04:08 7feb
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# gunzip vaibhav.zip.gz
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# gunzip satish.tar.gz
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
drwxr-xr-x 5 root root 111 Feb 7 04:08 7feb
[root@ip-172-31-6-99 mnt]#
```

The right window is a Notepad++ editor titled '*new 1 - Notepad++' with the file name 'new 1'. It contains the following text:

```
1 Command:
2
3
4 gunzip vaibhav.zip.gz
5
6 gunzip satish.tar.gz
7
8 ls -lt
9
10
11
```

At the bottom of the terminal window, there is a message: "UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>".

- To check result use **ls -lt**

The screenshot shows a MobaXterm interface with two windows. The left window is a terminal session titled 'Qu' (Session 3) running on root@ip-172-31-6-99:/mnt. It displays the following command history:

```
[root@ip-172-31-6-99 mnt]#  
[root@ip-172-31-6-99 mnt]# ls -lt  
total 8  
-rw-r--r-- 1 root root 717 Feb 7 04:27 vaibhav.zip.gz  
-rw-r--r-- 1 root root 663 Feb 7 04:14 satish.tar.gz  
drwxr-xr-x 5 root root 111 Feb 7 04:08 7feb  
[root@ip-172-31-6-99 mnt]#  
[root@ip-172-31-6-99 mnt]# gunzip vaibhav.zip.gz  
[root@ip-172-31-6-99 mnt]# gunzip satish.tar.gz  
[root@ip-172-31-6-99 mnt]#  
[root@ip-172-31-6-99 mnt]# ls -lt  
total 16  
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip  
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar  
drwxr-xr-x 5 root root 111 Feb 7 04:08 7feb  
[root@ip-172-31-6-99 mnt]#  
[root@ip-172-31-6-99 mnt]# du -sh *
```

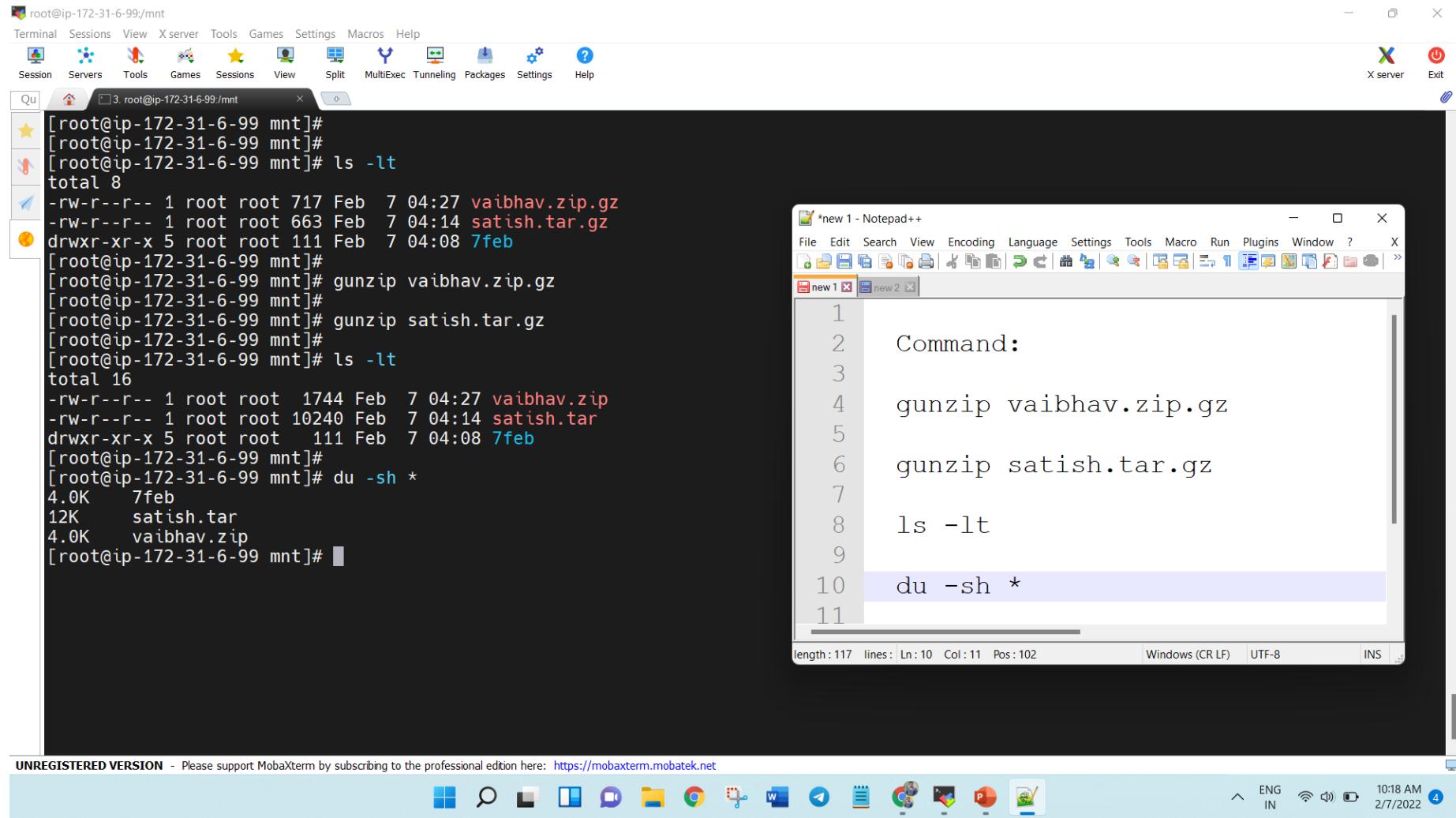
The right window is a Notepad++ editor titled 'new 1 - Notepad++'. It contains the following text:

```
1 Command:  
2  
3  
4 gunzip vaibhav.zip.gz  
5  
6 gunzip satish.tar.gz  
7  
8 ls -lt  
9  
10 du -sh *  
11
```

At the bottom of the Notepad++ window, status information is displayed: length : 117, lines : Ln : 10, Col : 11, Pos : 102, Windows (CR LF), UTF-8, INS.

At the very bottom of the screen, there is a taskbar with various icons and a system status bar showing ENG IN, 10:18 AM, 2/7/2022, and a battery icon.

- Use **du -sh *** to check files size



The screenshot shows a MobaXterm window with two panes. The left pane is a terminal session for root user on a Linux system (ip-172-31-6-99). The right pane is a Notepad++ editor.

Terminal Session (Left Pane):

```
[root@ip-172-31-6-99 mnt]# ls -lt
total 8
-rw-r--r-- 1 root root 717 Feb  7 04:27 vaibhav.zip.gz
-rw-r--r-- 1 root root 663 Feb  7 04:14 satish.tar.gz
drwxr-xr-x 5 root root 111 Feb  7 04:08 7feb
[root@ip-172-31-6-99 mnt]# gunzip vaibhav.zip.gz
[root@ip-172-31-6-99 mnt]# gunzip satish.tar.gz
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
-rw-r--r-- 1 root root 1744 Feb  7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb  7 04:14 satish.tar
drwxr-xr-x 5 root root 111 Feb  7 04:08 7feb
[root@ip-172-31-6-99 mnt]# du -sh *
4.0K    7feb
12K    satish.tar
4.0K    vaibhav.zip
[root@ip-172-31-6-99 mnt]#
```

Notepad++ Editor (Right Pane):

```
1 Command:
2
3
4 gunzip vaibhav.zip.gz
5
6 gunzip satish.tar.gz
7
8 ls -lt
9
10 du -sh *
11
```

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

- Here you can see that it is extracted in original size.

The screenshot shows a terminal window in MobaXterm and a Notepad++ editor side-by-side. The terminal window displays a root shell session on a Linux system. The user runs several commands to navigate to the root directory, create a new directory named 'rohit', and then change into that directory. Finally, they list the contents of the 'rohit' directory using the 'ls -lt' command. The Notepad++ editor has a numbered list of these commands, with the 'mkdir rohit' command highlighted in orange. Both windows show the same sequence of commands, indicating they are displaying the same session.

```
[root@ip-172-31-6-99 mnt]# cd /
[root@ip-172-31-6-99 /]# mkdir rohit
[root@ip-172-31-6-99 /]# cd rohit
[root@ip-172-31-6-99 rohit]# pwd
/rohit
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]# cd ..
[root@ip-172-31-6-99 /]# cd 7feb
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# ls -lt
total 4
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir1
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir2
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp1
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp2
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp4
-rw-r--r-- 1 root root 687 Feb 7 04:04 file1.txt
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]#
```

1 Command:
2
3
4 cd /
5
6 mkdir rohit
7
8 pwd
9
10 cd ..
11
12 cd 7feb
13
14 ls -lt

- Make one directory
- Go in directory name as **7feb** using **cd /7feb**

The screenshot shows a MobaXterm window with a terminal session and a Notepad++ window.

Terminal Session:

```
[root@ip-172-31-6-99 mnt]# cd /
[root@ip-172-31-6-99 /]# mkdir rohit
[root@ip-172-31-6-99 /]# cd rohit
[root@ip-172-31-6-99 rohit]# pwd
/rohit
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]# cd ..
[root@ip-172-31-6-99 /]# cd 7feb
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# ls -lt
total 4
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir1
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir2
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp1
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp2
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp4
-rw-r--r-- 1 root root 687 Feb 7 04:04 file1.txt
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# ln file1.txt /rohit
```

Notepad++ Window:

*new 1 - Notepad++

```
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
new1 x new 2 x
1
2 Command:
3
4 ln file1.txt /rohit
5
6
7
8
```

length : 66 lines : 10 Ln : 4 Col : 22 Pos : 42 Windows (CR LF) UTF-8 INS

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

10:27 AM 2/7/2022 4

- Now we have to backup file1.txt in rohit directory
- So use **ln file1.txt /rohit** press enter

The screenshot shows a MobaXterm interface. On the left is a terminal window titled 'Qu' with the session identifier '3. root@ip-172-31-6-99:/7feb'. The terminal window displays the following command history:

```
[root@ip-172-31-6-99 mnt]#  
[root@ip-172-31-6-99 mnt]# cd /  
[root@ip-172-31-6-99 /]# mkdir rohit  
[root@ip-172-31-6-99 /]#  
[root@ip-172-31-6-99 /]# cd rohit  
[root@ip-172-31-6-99 rohit]# pwd  
/rohit  
[root@ip-172-31-6-99 rohit]#  
[root@ip-172-31-6-99 rohit]# cd ..  
[root@ip-172-31-6-99 /]# cd 7feb  
[root@ip-172-31-6-99 7feb]#  
[root@ip-172-31-6-99 7feb]# ls -lt  
total 4  
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir1  
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir2  
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir3  
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp1  
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp2  
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp3  
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp4  
-rw-r--r-- 1 root root 687 Feb 7 04:04 file1.txt  
[root@ip-172-31-6-99 7feb]#  
[root@ip-172-31-6-99 7feb]# ln file1.txt /rohit  
[root@ip-172-31-6-99 7feb]#  
[root@ip-172-31-6-99 7feb]# cd /rohit
```

To the right of the terminal is a Notepad++ window titled 'new 1 - Notepad++'. It contains the following text:

```
1 Command:  
2  
3  
4 ln file1.txt /rohit  
5  
6 cd /rohit  
7  
8
```

The Notepad++ status bar at the bottom shows: length : 83 lines : 12 Ln : 6 Col : 12 Pos : 59 Windows (CR LF) UTF-8 INS.

At the very bottom of the screen, there is a taskbar with various icons for Microsoft Office applications like Word, Excel, and PowerPoint, along with other system icons.

- Go inside that directory

The screenshot shows a MobaXterm interface. On the left is a terminal window titled 'Qu' with the session path '3. root@ip-172-31-6-99:/rohit'. The terminal output is as follows:

```
[root@ip-172-31-6-99 mnt]# cd /
[root@ip-172-31-6-99 /]# mkdir rohit
[root@ip-172-31-6-99 /]# cd rohit
[root@ip-172-31-6-99 rohit]# pwd
/rohit
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]# cd ..
[root@ip-172-31-6-99 /]# cd 7feb
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# ls -lt
total 4
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir1
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir2
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp1
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp2
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp4
-rw-r--r-- 1 root root 687 Feb 7 04:04 file1.txt
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# ln file1.txt /rohit
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# cd /rohit
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]# ls -lt
total 4
-rw-r--r-- 2 root root 687 Feb 7 04:04 file1.txt
[root@ip-172-31-6-99 rohit]#
```

On the right is a Notepad++ window titled 'new 1 - Notepad++'. It contains the following text:

```
1 Command:
2
3
4 ln file1.txt /rohit
5
6 cd /rohit
7
8 ls -lt
```

The Notepad++ status bar shows: length : 97 lines : 14 Ln : 8 Col : 9 Pos : 73 Windows (CR LF) UTF-8 INS.

- Use **ls -lt**
- To check result

The screenshot shows a MobaXterm interface with two windows. The left window is a terminal session titled 'Qu' with the path '3. root@ip-172-31-6-99:/rohit'. It displays the following command-line session:

```
total 4
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir1
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir2
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp1
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp2
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp4
-rw-r--r-- 1 root root 687 Feb 7 04:04 file1.txt
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# ln file1.txt /rohit
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 rohit]# cd /rohit
[root@ip-172-31-6-99 rohit]# ls -lt
total 4
-rw-r--r-- 2 root root 687 Feb 7 04:04 file1.txt
[root@ip-172-31-6-99 rohit]# cat file1.txt
Velocity Corporate Training Center is not a
class or institute it's a family
who cares about every family members, we conduct
daily telephonic Mock interview which interns helps
students in the telephonic round at the time of
interview. Along with these Velocity Alumni who
placed in MNC's and have experience more than 3
years conduct Mock interviews on weekends.
We maintain every individual's record and at the
last based on that we prepare students best quality resumes.
Writing resume is a skill to promote yourself in current challenging
Skilful and value added resume will be prepared and
uploaded by experienced and skilled trainers of Velocity.

[root@ip-172-31-6-99 rohit]#
```

The right window is a Notepad++ editor titled 'new 1 - Notepad++' with the file path 'x'. It contains the following text:

```
2 Command:
3
4 ln file1.txt /rohit
5
6 cd /rohit
7
8 ls -lt
9
10 cat file1.txt
11
```

The status bar at the bottom of the Notepad++ window shows: length : 118 lines : 16 Ln : 10 Col : 16 Pos : 94 Windows (CR LF) UTF-8 INS.

- Use **cat file1.txt** to check the content inside that file.

The screenshot shows a MobaXterm window with two tabs open. The left tab displays a terminal session for root user on a Linux system. The right tab is a Notepad++ editor.

Terminal Session (Left Tab):

```
[root@ip-172-31-6-99:7feb]# ls -lt
total 4
-rw-r--r-- 2 root root 687 Feb 7 04:04 file1.txt
[root@ip-172-31-6-99 rohit]# cat file1.txt
Velocity Corporate Training Center is not a
class or institute it's a family
who cares about every family members, we conduct
daily telephonic Mock interview which interns helps
students in the telephonic round at the time of
interview. Along with these Velocity Alumni who
placed in MNC's and have experience more than 3
years conduct Mock interviews on weekends.
We maintain every individual's record and at the
last based on that we prepare students best quality resumes.
Writing resume is a skill to promote yourself in current challenging market.
Skilful and value added resume will be prepared and
uploaded by experienced and skilled trainers of Velocity.

[root@ip-172-31-6-99 rohit]# cd /7feb
[root@ip-172-31-6-99 7feb]# ls -lt
total 4
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir1
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir2
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp1
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp2
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp4
-rw-r--r-- 2 root root 687 Feb 7 04:04 file1.txt
[root@ip-172-31-6-99 7feb]# cat file1.txt
Velocity Corporate Training Center is not a
class or institute it's a family
who cares about every family members, we conduct
daily telephonic Mock interview which interns helps
students in the telephonic round at the time of
interview. Along with these Velocity Alumni who
placed in MNC's and have experience more than 3
years conduct Mock interviews on weekends.
We maintain every individual's record and at the
last based on that we prepare students best quality resumes.
Writing resume is a skill to promote yourself in current challenging market.
Skilful and value added resume will be prepared and
uploaded by experienced and skilled trainers of Velocity.

[root@ip-172-31-6-99 7feb]#
```

Notepad++ Editor (Right Tab):

```
*new 1 - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
new 1 new 2

Command:
2
3
4
5
6
7
8 cat file1.txt
9
10
11
```

Length: 90 Lines: 14 Ln: 8 Col: 16 Pos: 66 Windows (CR LF) UTF-8 INS

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

ENG IN 10:32 AM 2/7/2022 4

- Here you can see both the files

The screenshot shows a MobaXterm interface. On the left, a terminal window titled 'Qu' displays a root shell session on a Linux system. The user has navigated to the directory '/mnt' and run the command 'ls -lt' to list files. The output shows several directories ('dir1', 'dir2', 'dir3') and temporary files ('temp1' through 'temp4'). The user then changes to the directory '/rohit' and lists its contents, which includes 'file1.txt'. Finally, the user runs 'ln -s /7feb/file1.txt file1-softlink' to create a soft link named 'file1-softlink' in the current directory. On the right, a Notepad++ window titled 'new 1 - Notepad++' contains a log of the commands and their descriptions.

```
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# ls -lt
total 4
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir1
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir2
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp1
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp2
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp4
-rw-r--r-- 2 root root 687 Feb 7 04:04 file1.txt
[root@ip-172-31-6-99 7feb]# cd /rohit
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]# ls -lt
total 4
-rw-r--r-- 2 root root 687 Feb 7 04:04 file1.txt
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]# cd /mnt
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# ln -s /7feb/file1.txt file1-softlink
```

*new 1 - Notepad++

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

new 1 new 2

2 Command:
3
4 ln -s /7feb/file1.txt file1-softlink
5
6
7 i am creating softlink of file1.txt
8 in mnt directory thats why i
9 gone inside mnt directory
10 by cd command
11

length : 214 lines : 17 Ln : 10 Col : 16 Pos : 186 Windows (CR LF) UTF-8 INS

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

10:46 AM 2/7/2022 4

- Use **ln -s /7feb/file1.txt file-softlink** to create softlink of that file

The screenshot shows a MobaXterm interface with two windows. The left window is a terminal session titled '3. root@ip-172-31-6-99:/mnt'. It displays a series of Linux commands and their outputs. The user runs 'ls -lt' in several locations: the root directory, a directory named 'rohit', and the '/mnt' directory. In the '/mnt' directory, a soft link named 'file1-softlink' is created pointing to the file 'file1.txt'. The right window is a Notepad++ editor titled 'new 1 - Notepad++'. It contains a single line of text: 'ln -s /7feb/file1.txt file1-softlink'. Below the terminal window, a status bar shows 'UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>'.

```
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# ls -lt
total 4
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir1
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir2
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp1
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp2
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp4
-rw-r--r-- 2 root root 687 Feb 7 04:04 file1.txt
[root@ip-172-31-6-99 7feb]# cd /rohit
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]# ls -lt
total 4
-rw-r--r-- 2 root root 687 Feb 7 04:04 file1.txt
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]# cd /mnt
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# ln -s /7feb/file1.txt file1-softlink
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
lrwxrwxrwx 1 root root 15 Feb 7 05:17 file1-softlink -> /7feb/file1.txt
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
drwxr-xr-x 5 root root 111 Feb 7 04:08 7feb
[root@ip-172-31-6-99 mnt]#
```

*new 1 - Notepad++

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

length : 99 lines : 14 Ln:4 Col:39 Pos:59 Windows (CR LF) UTF-8 INS

2 Command:

3

4 ln -s /7feb/file1.txt file1-softlink

5

6

7

- Use **ls -lt** to check result
- Our softlink of file is created name as **file1-softlink**

The screenshot shows a Linux desktop environment with a terminal window and a Notepad++ window.

Terminal Window:

```
[root@ip-172-31-6-99 mnt]#  
[root@ip-172-31-6-99 mnt]#  
[root@ip-172-31-6-99 mnt]# ls -lt  
total 16  
lrwxrwxrwx 1 root root 15 Feb 7 05:17 file1-softlink -> /7feb/file1.txt  
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip  
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar  
drwxr-xr-x 5 root root 111 Feb 7 04:08 7feb  
[root@ip-172-31-6-99 mnt]#  
[root@ip-172-31-6-99 mnt]# cat file1-softlink  
Velocity Corporate Training Center is not a  
class or institute it's a family  
who cares about every family members, we conduct  
daily telephonic Mock interview which interns helps  
students in the telephonic round at the time of  
interview. Along with these Velocity Alumni who  
placed in MNC's and have experience more than 3  
years conduct Mock interviews on weekends.  
We maintain every individual's record and at the  
last based on that we prepare students best quality resumes.  
Writing resume is a skill to promote yourself in current challenging market.  
Skilful and value added resume will be prepared and  
uploaded by experienced and skilled trainers of Velocity.  
[root@ip-172-31-6-99 mnt]#
```

Notepad++ Window:

```
*new 1 - Notepad++  
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?  
new 1 new 2  
2 Command:  
3  
4 ln -s /7feb/file1.txt file1-softlink  
5  
6 cat file1-softlink  
7  
8  
9  
10
```

Length: 125 Lines: 16 Ln: 6 Col: 21 Pos: 85 Windows (CR LF) UTF-8 INS

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

ENG IN 10:49 AM 2/7/2022 4

- Check that file using **cat** command

The screenshot shows a terminal window and a Notepad++ window side-by-side.

Terminal Window (MobaXterm):

```
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
lrwxrwxrwx 1 root root 15 Feb 7 05:17 file1-softlink -> /7feb/file1.txt
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
drwxr-xr-x 5 root root 111 Feb 7 04:08 7feb
[root@ip-172-31-6-99 mnt]# cat file1-softlink
Velocity Corporate Training Center is not a
class or institute it's a family
who cares about every family members, we conduct
daily telephonic Mock interview which interns helps
students in the telephonic round at the time of
interview. Along with these Velocity Alumni who
placed in MNC's and have experience more than 3
years conduct Mock interviews on weekends.
We maintain every individual's record and at the
last based on that we prepare students best quality resumes.
Writing resume is a skill to promote yourself in current challenging market.
Skilful and value added resume will be prepared and
uploaded by experienced and skilled trainers of Velocity.

[root@ip-172-31-6-99 mnt]# vi file1-softlink
[root@ip-172-31-6-99 mnt]#
```

Notepad++ Editor:

```
*new 1 - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
new 1 new 2
2 Command:
3
4 ln -s /7feb/file1.txt file1-softlink
5
6 cat file1-softlink
7
8 vi file1-softlink
9
10
```

Length: 150 Lines: 18 Ln: 8 Col: 20 Pos: 110 Windows (CR LF) UTF-8 INS

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

ENG IN 10:52 AM 2/7/2022 4

- Edit that file using vi editor
- Use **vi file1-softlink**

The screenshot shows a terminal session on a Linux system with a root user. The terminal window displays text about Velocity Corporate Training Center's services, including mock interviews and resume preparation. Below this, there is a block of text starting with 'this is new line' followed by several blank lines. At the bottom of the terminal, there is a command ':x'. To the right of the terminal, a Notepad++ window is open, showing a file named 'new 1 - Notepad++'. The Notepad++ interface includes a toolbar, menu bar, and status bar indicating the file length, lines, column, and position. The main text area of the Notepad++ window contains the command ':x'.

- To save and close use :x

The screenshot shows a terminal window titled 'root@ip-172-31-6-99:7feb'. The user has run several commands to list files and directories:

```
[root@ip-172-31-6-99 mnt]# ls -lt
total 16
lrwxrwxrwx 1 root root 15 Feb 7 05:17 file1-softlink -> /7feb/file1.txt
-rw-r--r-- 1 root root 1744 Feb 7 04:27 vaibhav.zip
-rw-r--r-- 1 root root 10240 Feb 7 04:14 satish.tar
drwxr-xr-x 5 root root 111 Feb 7 04:08 7feb
[root@ip-172-31-6-99 mnt]#
[root@ip-172-31-6-99 mnt]# cd /7feb
[root@ip-172-31-6-99 7feb]#
[root@ip-172-31-6-99 7feb]# pwd
/7feb
[root@ip-172-31-6-99 7feb]# ls -lt
total 4
-rw-r--r-- 2 root root 732 Feb 7 05:21 file1.txt
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir1
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir2
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp1
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp2
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp4
[root@ip-172-31-6-99 7feb]# cat file1.txt
Velocity Corporate Training Center is not a
class or institute it's a family
who cares about every family members, we conduct
daily telephonic Mock interview which interns helps
students in the telephonic round at the time of
interview. Along with these Velocity Alumni who
placed in MNC's and have experience more than 3
years conduct Mock interviews on weekends.
We maintain every individual's record and at the
last based on that we prepare students best quality resumes.
Writing resume is a skill to promote yourself in current challenging market.
Skilful and value added resume will be prepared and
uploaded by experienced and skilled trainers of Velocity.

this is new line
1st line
2nd line
3rd line
[root@ip-172-31-6-99 7feb]#
```

Below the terminal, a Notepad++ window titled 'new 1' shows the contents of 'file1.txt' with line numbers 1 through 10. The text in the file includes descriptive text about Velocity Corporate Training Center and its services.

- Use cat command to check the file

The screenshot shows a desktop environment with a terminal window and a Notepad++ window. The terminal window (MobaXterm) displays a root shell session on a server at IP 172.31.6.99. The user runs several commands to list files and directories, change directory to 'rohit', and create a softlink named 'softlink-7feb' pointing to the directory '/7feb'. The Notepad++ window shows the commands entered in the terminal, with the final command being typed.

```
[root@ip-172-31-6-99 /]# ls -lt
total 12
drwxr-xr-x  5 root root 111 Feb 7 05:21 7feb
drwxr-xr-x  3 root root 77 Feb 7 05:21 mnt
dr-xr-x---  3 root root 140 Feb 7 05:21 root
drwxr-xr-x  2 root root 23 Feb 7 04:57 rohit
drwxrwxrwt  8 root root 172 Feb 7 03:38 tmp
drwxr-xr-x 28 root root 960 Feb 6 22:39 run
drwxr-xr-x 80 root root 8192 Feb 5 09:06 etc
drwxr-xr-x  3 root root 22 Feb 5 09:06 home
drwxr-xr-x 15 root root 2900 Feb 5 09:06 dev
drwxr-xr-x 19 root root 269 Feb 5 09:06 var
dr-xr-xr-x 158 root root 0 Feb 5 09:06 proc
dr-xr-xr-x 13 root root 0 Feb 5 09:06 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 srv
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# cd rohit
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]# ls -lt
total 4
-rw-r--r-- 2 root root 732 Feb 7 05:21 file1.txt
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]# ln -s /7feb softlink-7feb
```

*new 1 - Notepad++

```
1
2 Command:
3
4 cd /
5 ls -lt
6
7 cd rohit
8
9 ln -s /7feb softlink-7feb
10
```

- If you want to make softlink of directory use following command
- Use **ln -s /7feb softlink-7feb**

The screenshot shows a MobaXterm window with two panes. The left pane is a terminal session titled 'Qu' with the command history:

```
[root@ip-172-31-6-99 ~]# ls -lt
total 12
drwxr-xr-x  5 root root  111 Feb  7 05:21 7feb
drwxr-xr-x  3 root root   77 Feb  7 05:21 mnt
dr-xr-x---  3 root root  140 Feb  7 05:21 root
drwxr-xr-x  2 root root  23 Feb  7 04:57 rohit
drwxrwxrwt  8 root root 172 Feb  7 03:38 tmp
drwxr-xr-x  28 root root  960 Feb  6 22:39 run
drwxr-xr-x  80 root root  8192 Feb  5 09:06 etc
drwxr-xr-x  3 root root   22 Feb  5 09:06 home
drwxr-xr-x  15 root root 2900 Feb  5 09:06 dev
drwxr-xr-x  19 root root  269 Feb  5 09:06 var
dr-xr-xr-x  158 root root    0 Feb  5 09:06 proc
dr-xr-xr-x  13 root root    0 Feb  5 09:06 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 srv
[root@ip-172-31-6-99 ~]#
[root@ip-172-31-6-99 ~]# cd rohit
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]# ls -lt
total 4
-rw-r--r-- 2 root root 732 Feb  7 05:21 file1.txt
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]# ln -s /7feb softlink-7feb
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]# ls -lt
total 4
lrwxrwxrwx 1 root root   5 Feb  7 05:31 softlink-7feb -> /7feb
-rw-r--r-- 2 root root 732 Feb  7 05:21 file1.txt
[root@ip-172-31-6-99 rohit]#
```

The right pane is a Notepad++ window titled 'new 1 - Notepad++' containing the following script:

```
3
4 cd /
5 ls -lt
6
7 cd rohit
8
9 ln -s /7feb softlink-7feb
10
11 ls -lt
12
```

- To check result use **ls -lt**

The screenshot shows a MobaXterm interface. On the left is a terminal window titled '3. root@ip-172-31-6-99:/rohit'. It displays the following command-line session:

```
[root@ip-172-31-6-99 rohit]# ls -lt
total 4
lrwxrwxrwx 1 root root 5 Feb 7 05:31 softlink-7feb -> /7feb
-rw-r--r-- 2 root root 732 Feb 7 05:21 file1.txt
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]# cd softlink-7feb
```

On the right is a Notepad++ window titled 'new 1 - Notepad++'. It contains the following text:

```
1 Command:
2
3
4 ls -lt
5
6 cd softlink-7feb
7
8
9
10
```

The 'cd softlink-7feb' line is highlighted with a purple selection bar. The status bar at the bottom of the Notepad++ window shows: length : 93 lines : 16 Ln : 6 Col : 19 Pos : 53 Windows (CR LF) UTF-8 INS.

At the bottom of the MobaXterm window, there is a message: 'UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>'.

The taskbar at the bottom of the screen shows various application icons, and the system tray indicates the date and time as 11:03 AM 2/7/2022.

- Use **cd softlink-7feb** command to inside that directory which is created by using softlink command

The screenshot shows a MobaXterm interface with two windows. The left window is a terminal session titled 'root@ip-172-31-6-99:rohit/softlink-7feb'. It displays a series of Linux commands and their outputs:

```
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]# ls -lt
total 4
lrwxrwxrwx 1 root root 5 Feb 7 05:31 softlink-7feb -> /7feb
-rw-r--r-- 2 root root 732 Feb 7 05:21 file1.txt
[root@ip-172-31-6-99 rohit]#
[root@ip-172-31-6-99 rohit]# cd softlink-7feb
[root@ip-172-31-6-99 softlink-7feb]#
[root@ip-172-31-6-99 softlink-7feb]# ls -lt
total 4
-rw-r--r-- 2 root root 732 Feb 7 05:21 file1.txt
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir1
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir2
drwxr-xr-x 2 root root 6 Feb 7 04:08 dir3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp1
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp2
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp3
-rw-r--r-- 1 root root 0 Feb 7 04:08 temp4
[root@ip-172-31-6-99 softlink-7feb]#
```

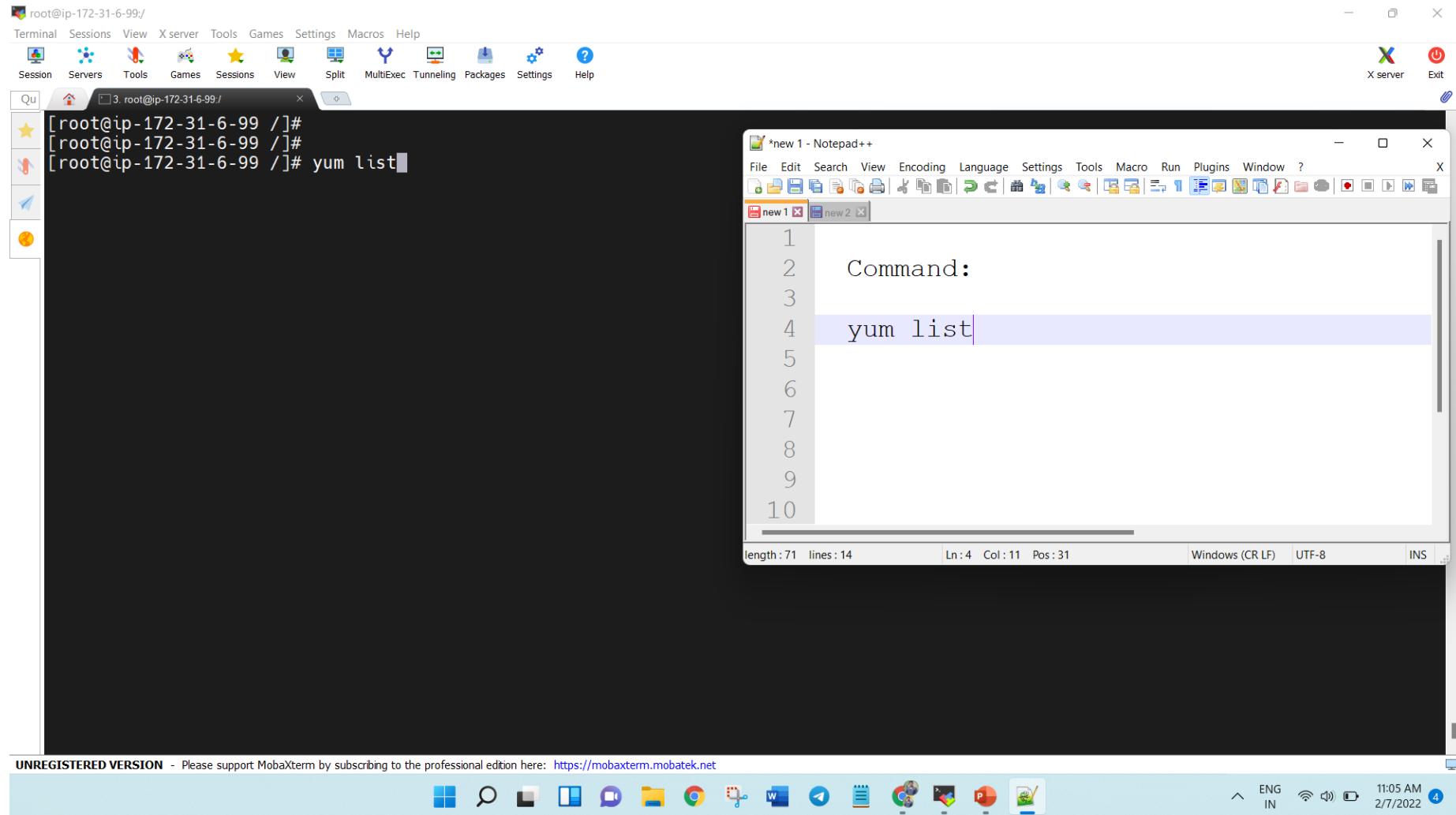
The right window is a Notepad++ editor titled 'new 1 - Notepad++'. It contains a text document with numbered lines 1 through 10. Lines 4, 5, 6, 7, and 8 contain the commands shown in the terminal window, while line 8 is currently selected.

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

length : 107 lines : 18 Ln : 8 Col : 9 Pos : 67 Windows (CR LF) UTF-8 INS

ENG IN 11:03 AM 2/7/2022 4

- Use **ls -lt** to check all the result



- **yum** command is used to see available packages and install, update, remove packages
- Use **yum list** and press enter

The screenshot shows a terminal window titled 'root@ip-172-31-6-99:/'. The window has a dark theme and includes a navigation bar with icons for Session, Servers, Tools, Games, Sessions, View, Split, MultiExec, Tunneling, Packages, Settings, and Help. On the right side, there are buttons for X server and Exit. Below the title bar is a toolbar with icons for Qu, Up, Down, and Left. The main area of the terminal displays a list of package names and their details:

Package	Version	Type
yum-plugin-keys.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-list-data.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-local.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-merge-conf.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-ovl.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-post-transaction-actions.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-pre-transaction-actions.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-protectbase.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-ps.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-remove-with-leaves.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-rpm-warm-cache.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-show-leaves.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-tmprepo.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-tsflags.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-upgrade-helper.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-verify.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-versionlock.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-updateonboot.noarch	1.1.31-46.amzn2.0.1	amzn2-core
zenity.x86_64	3.28.1-1.amzn2	amzn2-core
zerofree.x86_64	1.0.3-6.amzn2.0.1	amzn2-core
zlib.i686	1.2.7-18.amzn2	amzn2-core
zlib-devel.x86_64	1.2.7-18.amzn2	amzn2-core
zlib-static.x86_64	1.2.7-18.amzn2	amzn2-core
zsh.x86_64	5.7.1-6.amzn2.0.1	amzn2-core
zsh-html.x86_64	5.3.1-7.amzn2	amzn2-core
zsh-html.noarch	5.7.1-6.amzn2.0.1	amzn2-core
zstd.x86_64	1.5.0-1.amzn2	amzn2-core
zziplib.i686	0.13.62-12.amzn2	amzn2-core
zziplib.x86_64	0.13.62-12.amzn2	amzn2-core
zziplib-devel.x86_64	0.13.62-12.amzn2	amzn2-core
zziplib-utils.x86_64	0.13.62-12.amzn2	amzn2-core

[root@ip-172-31-6-99 /]#

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

ENG IN 11:05 AM 2/7/2022 4

- Here you can see list of all packages

The screenshot shows a MobaXterm interface. On the left is a terminal window titled 'root@ip-172-31-6-99:/#'. It displays the command 'yum list installed' being typed. On the right is a Notepad++ window titled '*new 1 - Notepad++'. It contains the text 'Command:' followed by 'yum list installed'. The Notepad++ status bar shows 'length : 81 lines : 14 Ln : 4 Col : 21 Pos : 41 Windows (CR LF) UTF-8 INS'. The bottom of the screen shows a taskbar with various icons and a system tray indicating the date and time as 11:06 AM on 2/7/2022.

```
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# yum list installed
```

*new 1 - Notepad++

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

new 1 new 2

1
2 Command:
3
4 yum list installed
5
6
7
8
9
10

length : 81 lines : 14 Ln : 4 Col : 21 Pos : 41 Windows (CR LF) UTF-8 INS

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

ENG IN 11:06 AM 2/7/2022 4

- Use **yum list installed** to see the list of all installed packages

The screenshot shows a terminal window titled 'Qu' with the command 'dpkg -l' running. The output lists numerous packages and their versions, all marked as 'installed'. The packages include tcsh, teamd, time, traceroute, tzdata, unzip, update-motd, usermode, ustr, util-linux, vim-common, vim-data, vim-enhanced, vim-filesystem, vim-minimal, virt-what, wget, which, words, xfsdump, xfsprogs, xz, xz-libs, yajl, yum, yum-langpacks, yum-metadata-parser, yum-plugin-priorities, yum-utils, zip, and zlib. The terminal window is part of the MobaXterm interface, which also includes a menu bar with Terminal, Sessions, View, Xserver, Tools, Games, Settings, Macros, Help, and various icons for Session, Servers, Tools, Games, Sessions, View, Split, MultiExec, Tunneling, Packages, Settings, and Help.

Package	Version	Status
tcsh.x86_64	6.18.01-15.amzn2.0.2	installed
teamd.x86_64	1.27-9.amzn2	installed
time.x86_64	1.7-45.amzn2.0.2	installed
traceroute.x86_64	3:2.0.22-2.amzn2.0.1	installed
tzdata.noarch	2021a-1.amzn2	installed
unzip.x86_64	6.0-43.amzn2	installed
update-motd.noarch	1.1.2-2.amzn2.0.2	installed
usermode.x86_64	1.111-5.amzn2.0.2	installed
ustr.x86_64	1.0.4-16.amzn2.0.3	installed
util-linux.x86_64	2.30.2-2.amzn2.0.5	installed
vim-common.x86_64	2:8.2.4006-1.amzn2.0.1	installed
vim-data.noarch	2:8.2.4006-1.amzn2.0.1	installed
vim-enhanced.x86_64	2:8.2.4006-1.amzn2.0.1	installed
vim-filesystem.noarch	2:8.2.4006-1.amzn2.0.1	installed
vim-minimal.x86_64	2:8.2.4006-1.amzn2.0.1	installed
virt-what.x86_64	1.18-4.amzn2	installed
wget.x86_64	1.14-18.amzn2.1	installed
which.x86_64	2.20-7.amzn2.0.2	installed
words.noarch	3.0-22.amzn2	installed
xfsdump.x86_64	3.1.8-6.amzn2	installed
xfsprogs.x86_64	4.5.0-18.amzn2.0.1	installed
xz.x86_64	5.2.2-1.amzn2.0.2	installed
xz-libs.x86_64	5.2.2-1.amzn2.0.2	installed
yajl.x86_64	2.0.4-4.amzn2.0.1	installed
yum.noarch	3.4.3-158.amzn2.0.5	installed
yum-langpacks.noarch	0.4.2-7.amzn2	installed
yum-metadata-parser.x86_64	1.1.4-10.amzn2.0.2	installed
yum-plugin-priorities.noarch	1.1.31-46.amzn2.0.1	installed
yum-utils.noarch	1.1.31-46.amzn2.0.1	installed
zip.x86_64	3.0-11.amzn2.0.2	installed
zlib.x86_64	1.2.7-18.amzn2	installed

- Here you can see the result

The screenshot shows a MobaXterm interface. On the left is a terminal window titled 'Qu' with the command '[root@ip-172-31-6-99 /]# yum list available' entered. On the right is a Notepad++ window titled '*new 1 - Notepad++' containing the text 'Command:' followed by 'yum list available'. The Notepad++ status bar shows 'length : 81 lines : 14 Ln : 4 Col : 21 Pos : 41 Windows (CR LF) UTF-8 INS'. The bottom taskbar includes icons for various Windows applications like File Explorer, Edge, and Mail, along with system status indicators.

```
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# yum list available
```

*new 1 - Notepad++

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

new 1 new 2

1
2 Command:
3
4 yum list available
5
6
7
8
9
10

length : 81 lines : 14 Ln : 4 Col : 21 Pos : 41 Windows (CR LF) UTF-8 INS

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

ENG IN 11:07 AM 2/7/2022 4

- Use **yum list available** press enter to see available packages

The screenshot shows a terminal window titled 'root@ip-172-31-6-99:/'. The window has a dark background and displays a list of package names and their versions. The packages listed are primarily Amazon Linux 2 core components. The output is as follows:

Package	Version	Type
yum-plugin-keys.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-list-data.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-local.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-merge-conf.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-ovl.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-post-transaction-actions.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-pre-transaction-actions.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-protectbase.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-ps.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-remove-with-leaves.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-rpm-warm-cache.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-show-leaves.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-tmprepo.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-tsflags.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-upgrade-helper.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-verify.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-plugin-versionlock.noarch	1.1.31-46.amzn2.0.1	amzn2-core
yum-updateonboot.noarch	1.1.31-46.amzn2.0.1	amzn2-core
zenity.x86_64	3.28.1-1.amzn2	amzn2-core
zerofree.x86_64	1.0.3-6.amzn2.0.1	amzn2-core
zlib.i686	1.2.7-18.amzn2	amzn2-core
zlib-devel.x86_64	1.2.7-18.amzn2	amzn2-core
zlib-static.x86_64	1.2.7-18.amzn2	amzn2-core
zsh.x86_64	5.7.1-6.amzn2.0.1	amzn2-core
zsh-html.x86_64	5.3.1-7.amzn2	amzn2-core
zsh-html.noarch	5.7.1-6.amzn2.0.1	amzn2-core
zstd.x86_64	1.5.0-1.amzn2	amzn2-core
zziplib.i686	0.13.62-12.amzn2	amzn2-core
zziplib.x86_64	0.13.62-12.amzn2	amzn2-core
zziplib-devel.x86_64	0.13.62-12.amzn2	amzn2-core
zziplib-utils.x86_64	0.13.62-12.amzn2	amzn2-core

[root@ip-172-31-6-99 /]#

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

ENG IN 11:10 AM 2/7/2022 4

- Here you can see result

The screenshot shows a MobaXterm interface. On the left is a terminal window titled 'Qu' with the command '[root@ip-172-31-6-99 /]# yum list tree' entered. On the right is a Notepad++ window titled '*new 1 - Notepad++' containing the text 'Command:' followed by 'yum list tree'. The Notepad++ status bar shows 'length : 76 lines : 14 Ln : 4 Col : 16 Pos : 36 Windows (CR LF) UTF-8 INS'. The bottom taskbar includes icons for various Windows applications like File Explorer, Edge, and Mail, along with system status indicators.

```
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# yum list tree
```

*new 1 - Notepad++

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

new 1 new 2

1
2 Command:
3
4 yum list tree
5
6
7
8
9
10

length : 76 lines : 14 Ln : 4 Col : 16 Pos : 36 Windows (CR LF) UTF-8 INS

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

ENG IN 11:11 AM 2/7/2022 4

- Here I have to see package **tree**
- Use **yum list tree** press enter

- Here it is available

The screenshot shows a MobaXterm interface. At the top is a menu bar with options like Terminal, Sessions, View, Xserver, Tools, Games, Settings, Macros, Help, and a toolbar with icons for Session, Servers, Tools, Games, Sessions, View, Split, MultiExec, Tunneling, Packages, Settings, and Help. On the right are buttons for X server and Exit. Below the menu is a tab bar with 'Qu' and '3. root@ip-172-31-6-99/'. The main terminal window displays a root shell session:

```
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# yum list tree
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Available Packages
tree.x86_64                                1.6.0-10.amzn2.0.1      amzn2-core
```

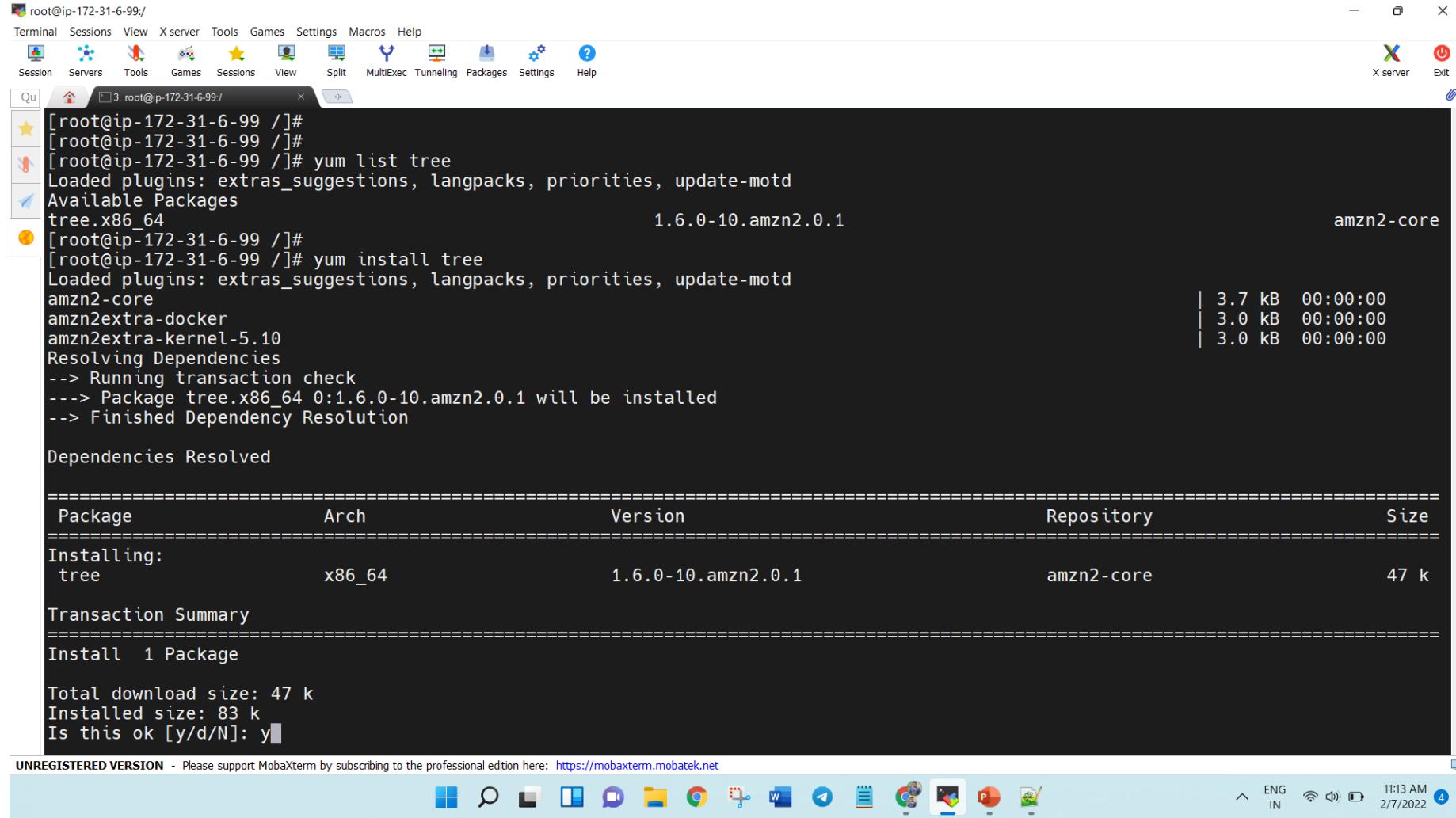
Below the terminal is a Notepad++ window titled 'new 1 - Notepad++'. It contains a code editor with the following text:

```
1
2 Command:
3
4 yum list tree
5
6 yum install tree
7
8
9
10
```

The status bar at the bottom of the Notepad++ window shows: length : 100 lines : 16 Ln : 6 Col : 19 Pos : 60 Windows (CR LF) UTF-8 INS.

At the very bottom of the screen, there is a taskbar with various icons for system functions like search, file explorer, and browser, along with a date and time indicator (11:13 AM 2/7/2022).

- To install this package use **yum install tree** press enter



The screenshot shows a terminal session in MobaXterm with the title bar "root@ip-172-31-6-99:/". The menu bar includes Terminal, Sessions, View, Xserver, Tools, Games, Settings, Macros, Help, and a toolbar with Session, Servers, Tools, Games, Sessions, View, Split, MultiExec, Tunneling, Packages, Settings, and Help. The main window displays the following terminal output:

```
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# yum list tree
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Available Packages
tree.x86_64                               1.6.0-10.amzn2.0.1           amzn2-core
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# yum install tree
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core
amzn2extra-docker
amzn2extra-kernel-5.10
Resolving Dependencies
--> Running transaction check
--> Package tree.x86_64 0:1.6.0-10.amzn2.0.1 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
 Package          Arch      Version       Repository      Size
=====
Installing:
 tree            x86_64    1.6.0-10.amzn2.0.1  amzn2-core      47 k

Transaction Summary
=====
Install 1 Package

Total download size: 47 k
Installed size: 83 k
Is this ok [y/d/N]: y
```

At the bottom of the terminal window, there is a message: "UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>". The system tray at the bottom right shows the date and time as "11:13 AM 2/7/2022".

- This type of message will appear press y and enter

```
root@ip-172-31-6-99:~# rpm -q tree.x86_64
tree.x86_64 0:1.6.0-10.amzn2.0.1
root@ip-172-31-6-99:~# rpm -Uvh tree-1.6.0-10.amzn2.0.1.x86_64.rpm
--> Package tree.x86_64 0:1.6.0-10.amzn2.0.1 will be installed
--> Finished Dependency Resolution
Dependencies Resolved

=====
| Package          | Arch      | Version       | Repository | Size |
|=====             |=====      |=====         |=====       |===== |
| Installing:     |           |               |            |        |
|   tree           | x86_64    | 1.6.0-10.amzn2.0.1 | amzn2-core | 47 k |
|=====             |           |               |            |        |

Transaction Summary
=====
| Install 1 Package
Total download size: 47 k
Installed size: 83 k
Is this ok [y/d/N]: y
Downloading packages:
tree-1.6.0-10.amzn2.0.1.x86_64.rpm | 47 kB  00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : tree-1.6.0-10.amzn2.0.1.x86_64          1/1
  Verifying  : tree-1.6.0-10.amzn2.0.1.x86_64          1/1

Installed:
  tree.x86_64 0:1.6.0-10.amzn2.0.1

Complete!
[root@ip-172-31-6-99 ~]#
```

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

- Your installation will be completed

The screenshot shows a MobaXterm window with a terminal session and a Notepad++ editor.

Terminal Session:

```
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# yum list git
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Available Packages
git.x86_64                                2.32.0-1.amzn2.0.1      amzn2-core
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# yum install git -y
```

Notepad++ Editor:

```
new 1 - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
new 1 new 2
1
2 Command:
3
4 yum list git
5
6 yum install git -y
7
8
9
10
```

The Notepad++ editor has the following status bar information:

length : 101 lines : 16 Ln : 6 Col : 21 Pos : 61 Windows (CR LF) UTF-8 INS

At the bottom of the MobaXterm window, there is a message: "UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>".

The system tray at the bottom right shows the date and time: 11:17 AM 2/7/2022.

- Now use **yum list git** it is available
- Use **yum install git -y** press enter
- **-y** is used skip that message which will appear after entering the instal command

The screenshot shows a terminal window in MobaXterm with the following output:

```
git          x86_64      2.32.0-1.amzn2.0.1      amzn2-core      126 k
Installing for dependencies:
perl-Git      noarch     2.32.0-1.amzn2.0.1      amzn2-core      43 k
Transaction Summary
=====
Install 1 Package (+1 Dependent package)

Total download size: 169 k
Installed size: 429 k
Downloading packages:
(1/2): perl-Git-2.32.0-1.amzn2.0.1.noarch.rpm | 43 kB 00:00:00
(2/2): git-2.32.0-1.amzn2.0.1.x86_64.rpm       | 126 kB 00:00:00
-----
Total                                         1.2 MB/s | 169 kB 00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : perl-Git-2.32.0-1.amzn2.0.1.noarch      1/2
  Installing : git-2.32.0-1.amzn2.0.1.x86_64           2/2
  Verifying   : git-2.32.0-1.amzn2.0.1.x86_64           1/2
  Verifying   : perl-Git-2.32.0-1.amzn2.0.1.noarch      2/2

Installed:
  git.x86_64 0:2.32.0-1.amzn2.0.1

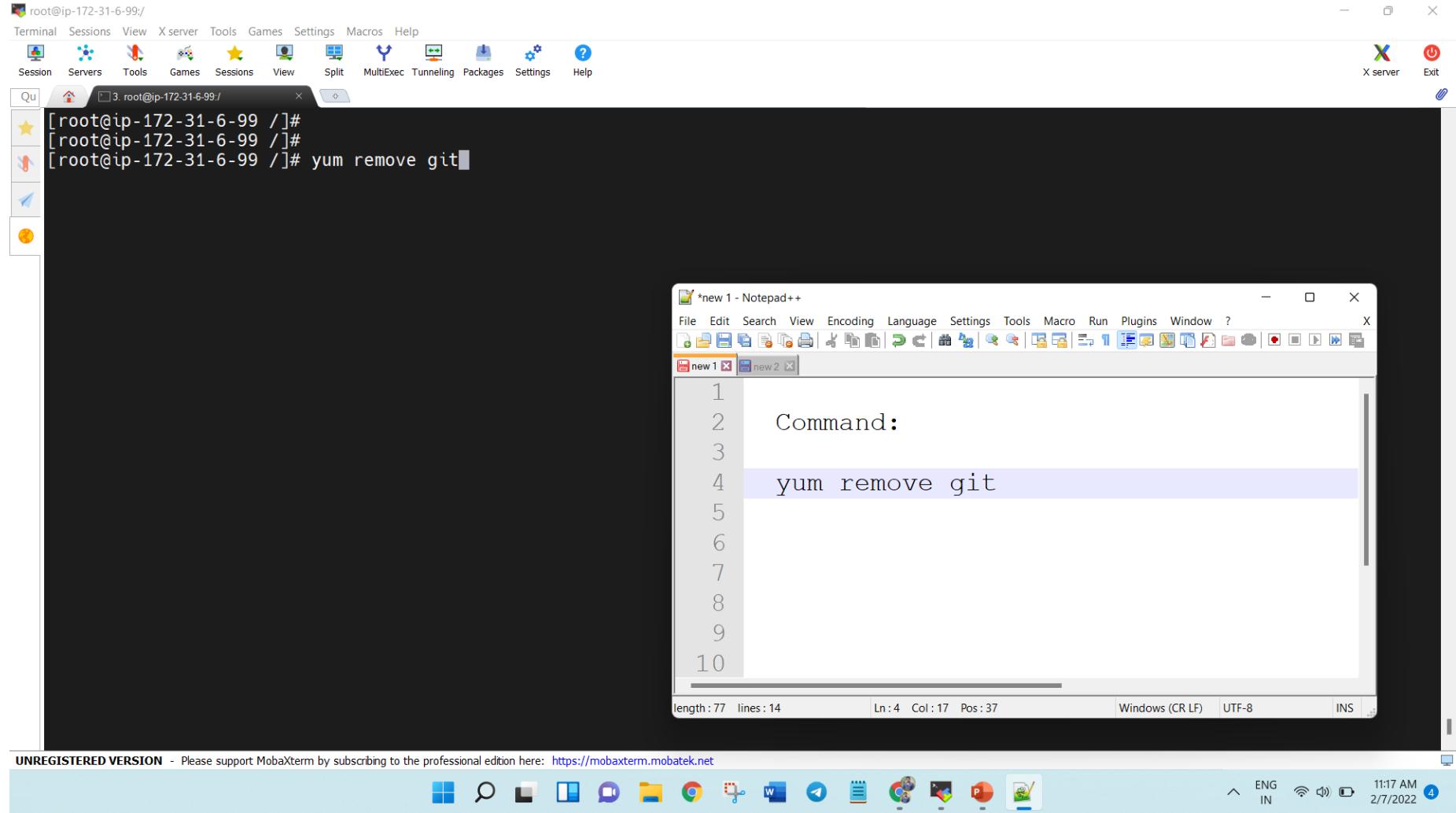
Dependency Installed:
  perl-Git.noarch 0:2.32.0-1.amzn2.0.1

Complete!
[root@ip-172-31-6-99 /]#
```

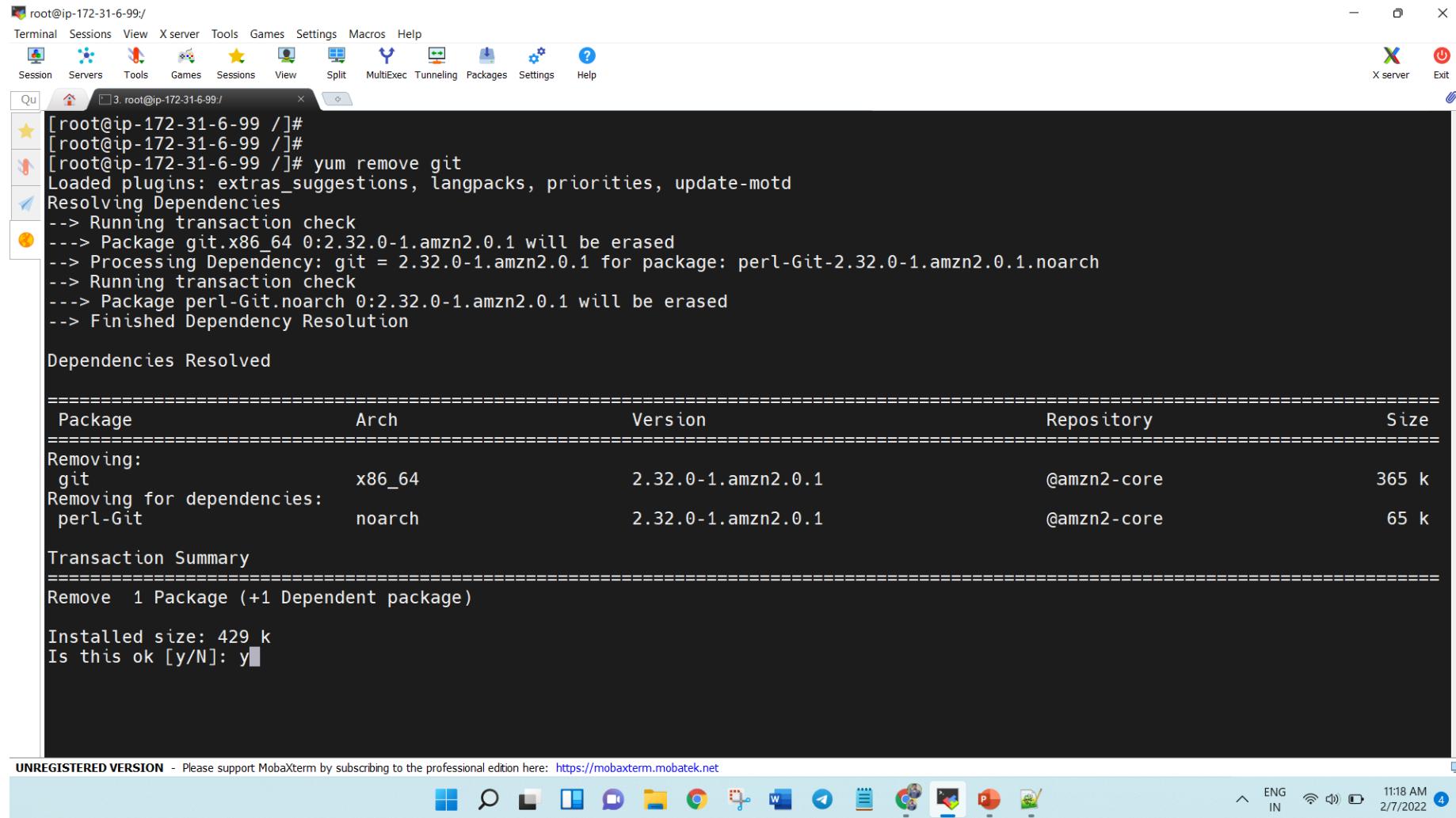
UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

The terminal window has a dark background and light-colored text. It shows the process of installing the 'git' package, including dependency resolution and transaction testing. The final message indicates the installation is complete.

- Here package is installed



- To delete package
- Use **yum remove git** press enter



root@ip-172-31-6-99:/#
root@ip-172-31-6-99:/# yum remove git
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
--> Package git.x86_64 0:2.32.0-1.amzn2.0.1 will be erased
--> Processing Dependency: git = 2.32.0-1.amzn2.0.1 for package: perl-Git-2.32.0-1.amzn2.0.1.noarch
--> Running transaction check
--> Package perl-Git.noarch 0:2.32.0-1.amzn2.0.1 will be erased
--> Finished Dependency Resolution

Dependencies Resolved

=====
 Package Arch Version Repository Size
=====
 Removing:
 git x86_64 2.32.0-1.amzn2.0.1 @amzn2-core 365 k
 Removing for dependencies:
 perl-Git noarch 2.32.0-1.amzn2.0.1 @amzn2-core 65 k

Transaction Summary
=====
 Remove 1 Package (+1 Dependent package)

Installed size: 429 k
Is this ok [y/N]: y

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

ENG IN 11:18 AM 2/7/2022 4

- Press **y** and enter

The screenshot shows a terminal window in MobaXterm with the following output:

```
root@ip-172-31-6-99:/#
Terminal Sessions View Xserver Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
X server Exit
Qu 3. root@ip-172-31-6-99:/
Package Arch Version Repository Size
=====
Removing:
git x86_64 2.32.0-1.amzn2.0.1 @amzn2-core 365 k
Removing for dependencies:
perl-Git noarch 2.32.0-1.amzn2.0.1 @amzn2-core 65 k

Transaction Summary
=====
Remove 1 Package (+1 Dependent package)

Installed size: 429 k
Is this ok [y/N]: y
Downloading packages:
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Erasing : perl-Git-2.32.0-1.amzn2.0.1.noarch 1/2
  Erasing : git-2.32.0-1.amzn2.0.1.x86_64 2/2
  Verifying : git-2.32.0-1.amzn2.0.1.x86_64 1/2
  Verifying : perl-Git-2.32.0-1.amzn2.0.1.noarch 2/2

Removed:
git.x86_64 0:2.32.0-1.amzn2.0.1

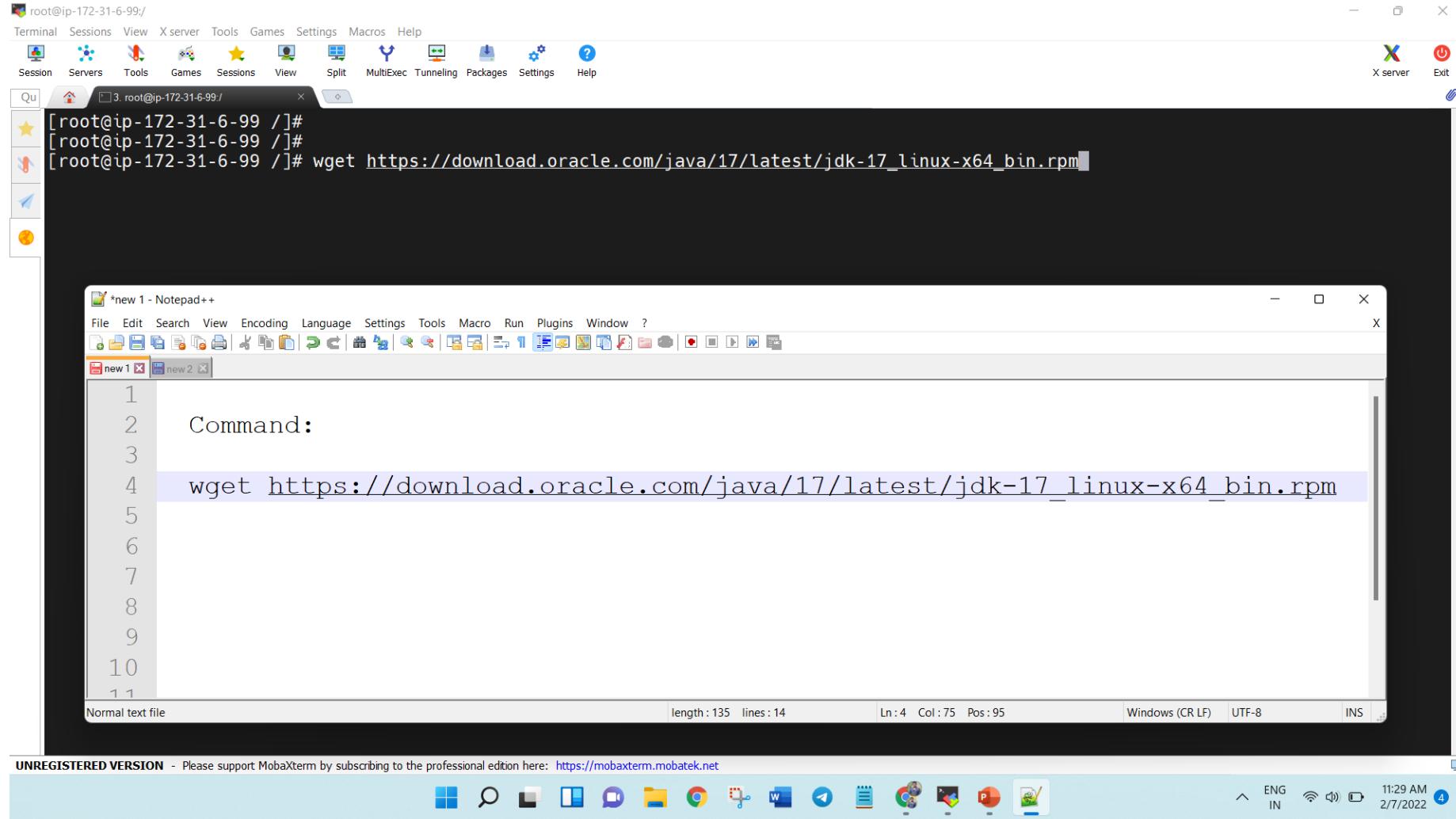
Dependency Removed:
perl-Git.noarch 0:2.32.0-1.amzn2.0.1

Complete!
[root@ip-172-31-6-99 /]#
```

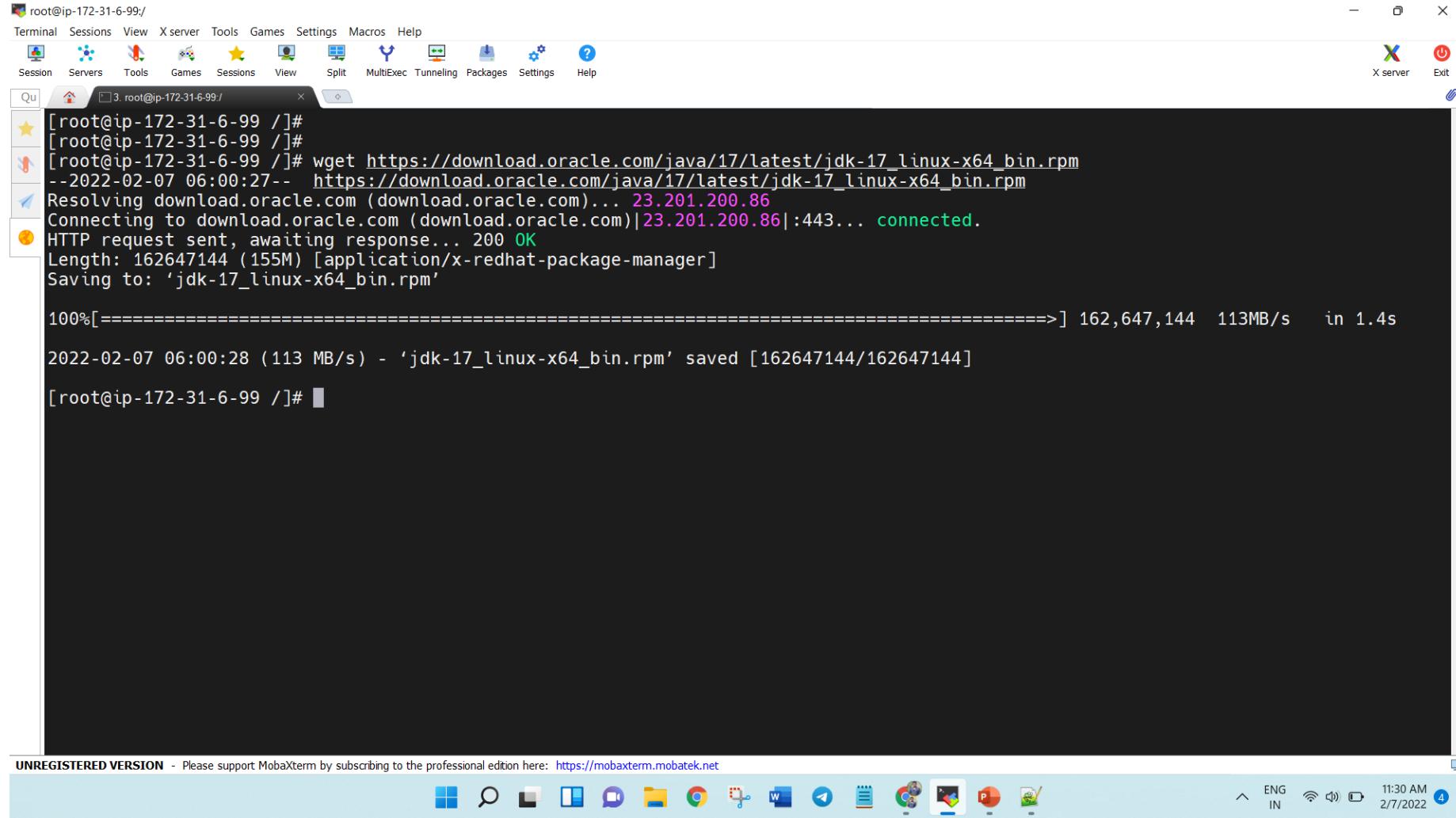
UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

ENG IN 11:18 AM 2/7/2022 4

- It is removed successfully



- Now we download one package and install it on our machine
- Use **wget url** press enter



The screenshot shows a terminal window titled 'root@ip-172-31-6-99:/'. The terminal is running a root shell on a Linux system. The user has run the command 'wget https://download.oracle.com/java/17/latest/jdk-17_linux-x64_bin.rpm'. The output shows the connection to download.oracle.com, the HTTP request sent, and the file being saved at 113MB/s. The download completes successfully.

```
[root@ip-172-31-6-99 /]# wget https://download.oracle.com/java/17/latest/jdk-17_linux-x64_bin.rpm
--2022-02-07 06:00:27-- https://download.oracle.com/java/17/latest/jdk-17_linux-x64_bin.rpm
Resolving download.oracle.com (download.oracle.com)... 23.201.200.86
Connecting to download.oracle.com (download.oracle.com)|23.201.200.86|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 162647144 (155M) [application/x-redhat-package-manager]
Saving to: 'jdk-17_linux-x64_bin.rpm'

100%[=====] 162,647,144 113MB/s in 1.4s

2022-02-07 06:00:28 (113 MB/s) - 'jdk-17_linux-x64_bin.rpm' saved [162647144/162647144]

[root@ip-172-31-6-99 /]#
```

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

- Our package is downloaded

The screenshot shows a MobaXterm interface with two windows. The left window is a terminal session titled 'Qu' (Session 3) showing the output of a wget command to download Oracle Java 17. The right window is a Notepad++ editor with a code completion dropdown open.

Terminal Session Output:

```
Connecting to download.oracle.com (download.oracle.com)|23.201.200.86|:443... connected
HTTP request sent, awaiting response... 200 OK
Length: 162647144 (155M) [application/x-redhat-package-manager]
Saving to: 'jdk-17_linux-x64_bin.rpm'

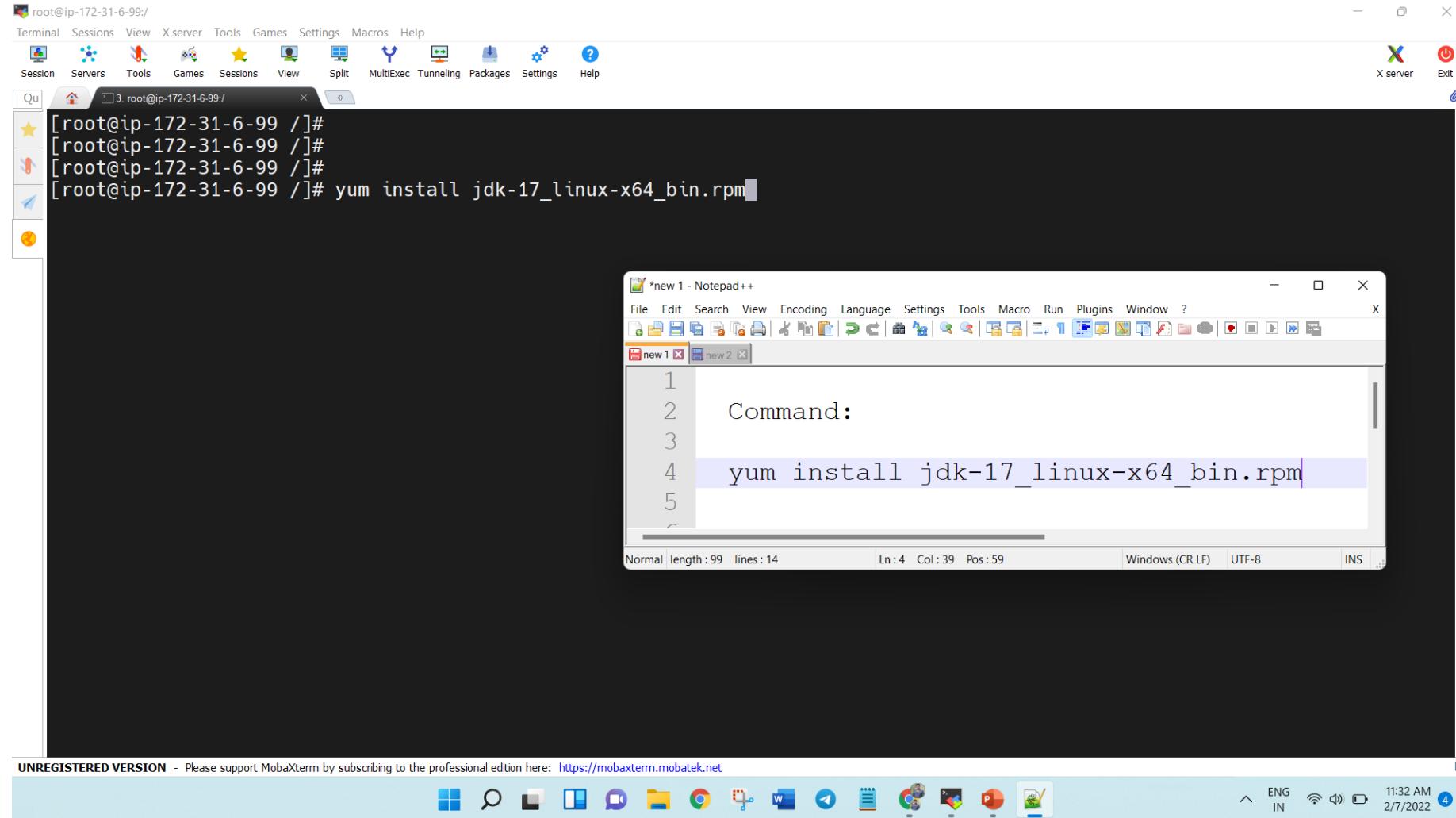
100%[=====] 2022-02-07 06:00:28 (113 MB/s) - 'jdk-17_linux-x64_bin.rpm' saved [162647144/162647144]

[root@ip-172-31-6-99 /]# ls -lt
total 158848
drwxrwxrwt  8 root root    172 Feb  7 05:48 tmp
drwxr-xr-x  28 root root   960 Feb  7 05:48 run
drwxr-xr-x  2 root root    44 Feb  7 05:31 rohit
drwxr-xr-x  5 root root   111 Feb  7 05:21 7feb
drwxr-xr-x  3 root root   77 Feb  7 05:21 mnt
dr-xr-x---  3 root root  140 Feb  7 05:21 root
drwxr-xr-x  80 root root  8192 Feb  5 09:06 etc
drwxr-xr-x  3 root root   22 Feb  5 09:06 home
drwxr-xr-x  15 root root  2900 Feb  5 09:06 dev
drwxr-xr-x  19 root root  269 Feb  5 09:06 var
dr-xr-xr-x  160 root root    0 Feb  5 09:06 proc
dr-xr-xr-x  13 root root    0 Feb  5 09:06 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
-rw-r--r--  1 root root 162647144 Jan  3 18:25 jdk-17_linux-x64_bin.rpm
drwxr-xr-x  2 root root    6 Apr  9 2019 media
drwxr-xr-x  2 root root    6 Apr  9 2019 srv
[root@ip-172-31-6-99 /]#
```

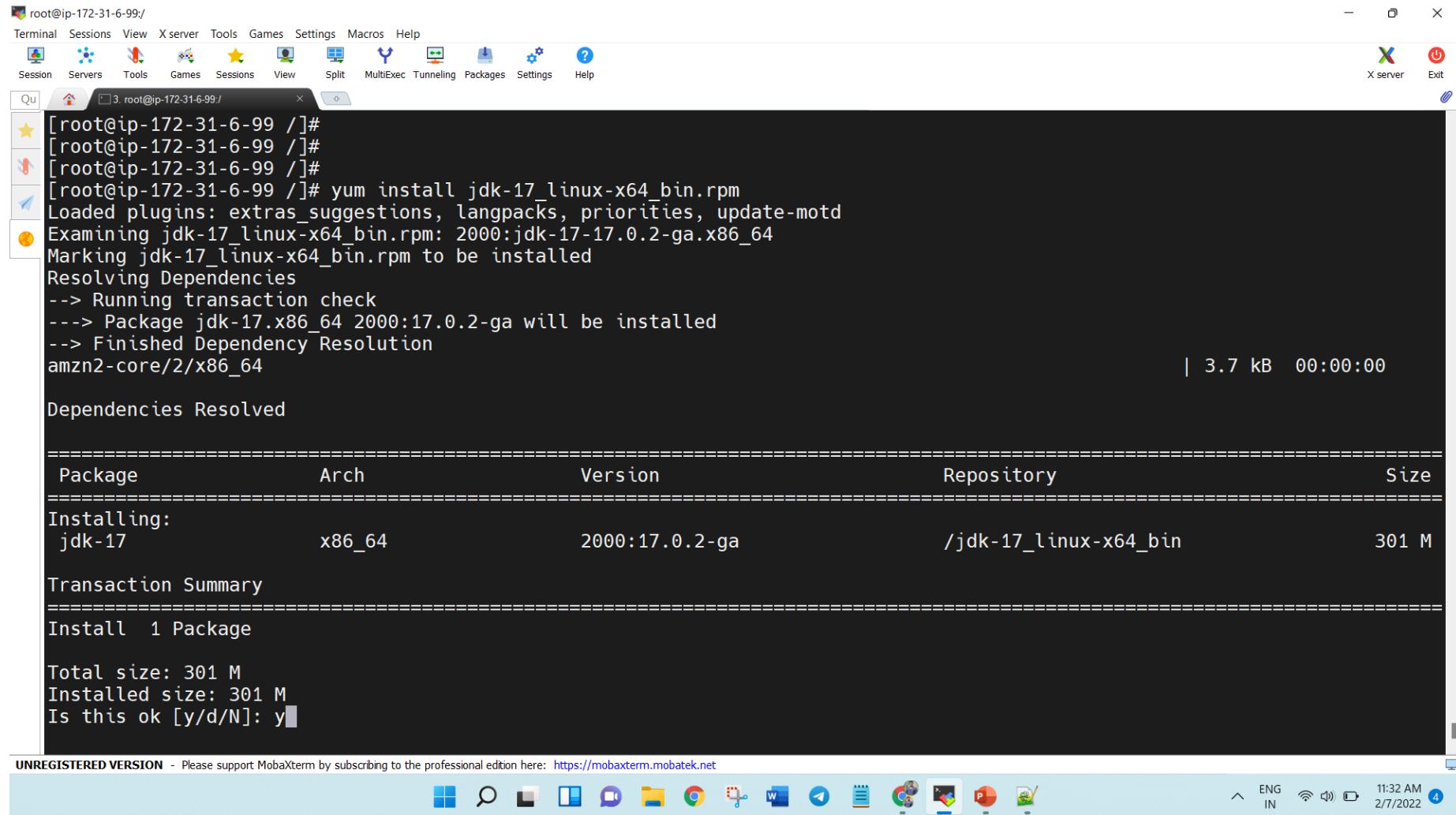
Notepad++ Content:

```
1
2 Command:
3
4 wget https://download.oracle.com/...
5
6 ls -lt
7
8
9
10
```

- Use **ls -lt** to view the file



- Now use `yum install jdk-17_linux-x64_bin.rpm` press enter



root@ip-172-31-6-99:/

Terminal Sessions View Xserver Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

X server Exit

[root@ip-172-31-6-99 /]# [root@ip-172-31-6-99 /]# [root@ip-172-31-6-99 /]# [root@ip-172-31-6-99 /]# yum install jdk-17_linux-x64_bin.rpm

Loaded plugins: extras_suggestions, langpacks, priorities, update-motd

Examining jdk-17_linux-x64_bin.rpm: 2000:jdk-17-17.0.2-ga.x86_64

Marking jdk-17_linux-x64_bin.rpm to be installed

Resolving Dependencies

--> Running transaction check

--> Package jdk-17.x86_64 2000:17.0.2-ga will be installed

--> Finished Dependency Resolution

amzn2-core/2/x86_64 | 3.7 kB 00:00:00

Dependencies Resolved

=====
 Package Arch Version Repository Size
=====
 Installing:
 jdk-17 x86_64 2000:17.0.2-ga /jdk-17_linux-x64_bin 301 M

Transaction Summary
=====
 Install 1 Package

Total size: 301 M
Installed size: 301 M
Is this ok [y/d/N]: y

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

ENG IN 11:32 AM 2/7/2022 4

- Press **y** and enter

The screenshot shows a terminal window in MobaXterm with the title bar "root@ip-172-31-6-99:/". The window contains the output of a package manager command, likely "sudo apt install jdk-17".

```
Dependencies Resolved
=====
Package          Arch      Version      Repository      Size
=====
Installing:
jdk-17           x86_64   2000:17.0.2-ga  /jdk-17_linux-x64_bin  301 M

Transaction Summary
=====
Install 1 Package

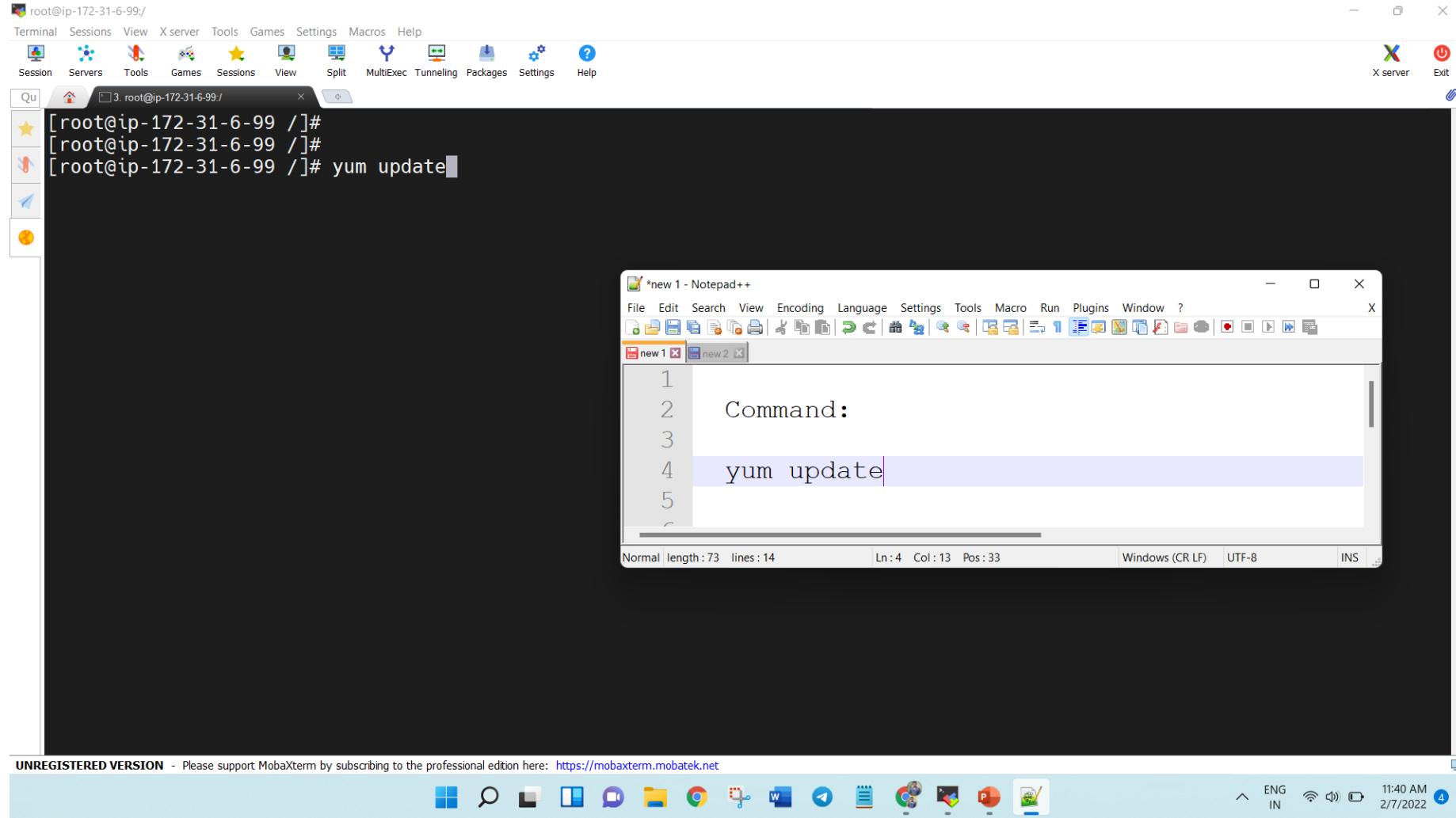
Total size: 301 M
Installed size: 301 M
Is this ok [y/d/N]: y
Downloading packages:
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : 2000:jdk-17-17.0.2-ga.x86_64          1/1
  Verifying   : 2000:jdk-17-17.0.2-ga.x86_64          1/1

Installed:
  jdk-17.x86_64 2000:17.0.2-ga

Complete!
[root@ip-172-31-6-99 /]#
```

At the bottom of the terminal window, there is a watermark: "UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>".

- It is installed successfully



- If you want to update any package use **yum update** command

The screenshot shows a MobaXterm interface. At the top is a menu bar with options like Terminal, Sessions, View, Xserver, Tools, Games, Settings, Macros, and Help. Below the menu is a toolbar with icons for Session, Servers, Tools, Games, Sessions, View, Split, MultiExec, Tunneling, Packages, Settings, and Help. On the right side of the interface are buttons for X server and Exit. A sidebar on the left contains icons for Qu, Session, Servers, Tools, Games, Sessions, View, Split, MultiExec, Tunneling, Packages, Settings, and Help.

The main terminal window (Qu 3) displays the following command output:

```
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]#
[root@ip-172-31-6-99 /]# yum update
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
No packages marked for update
[root@ip-172-31-6-99 /]#
```

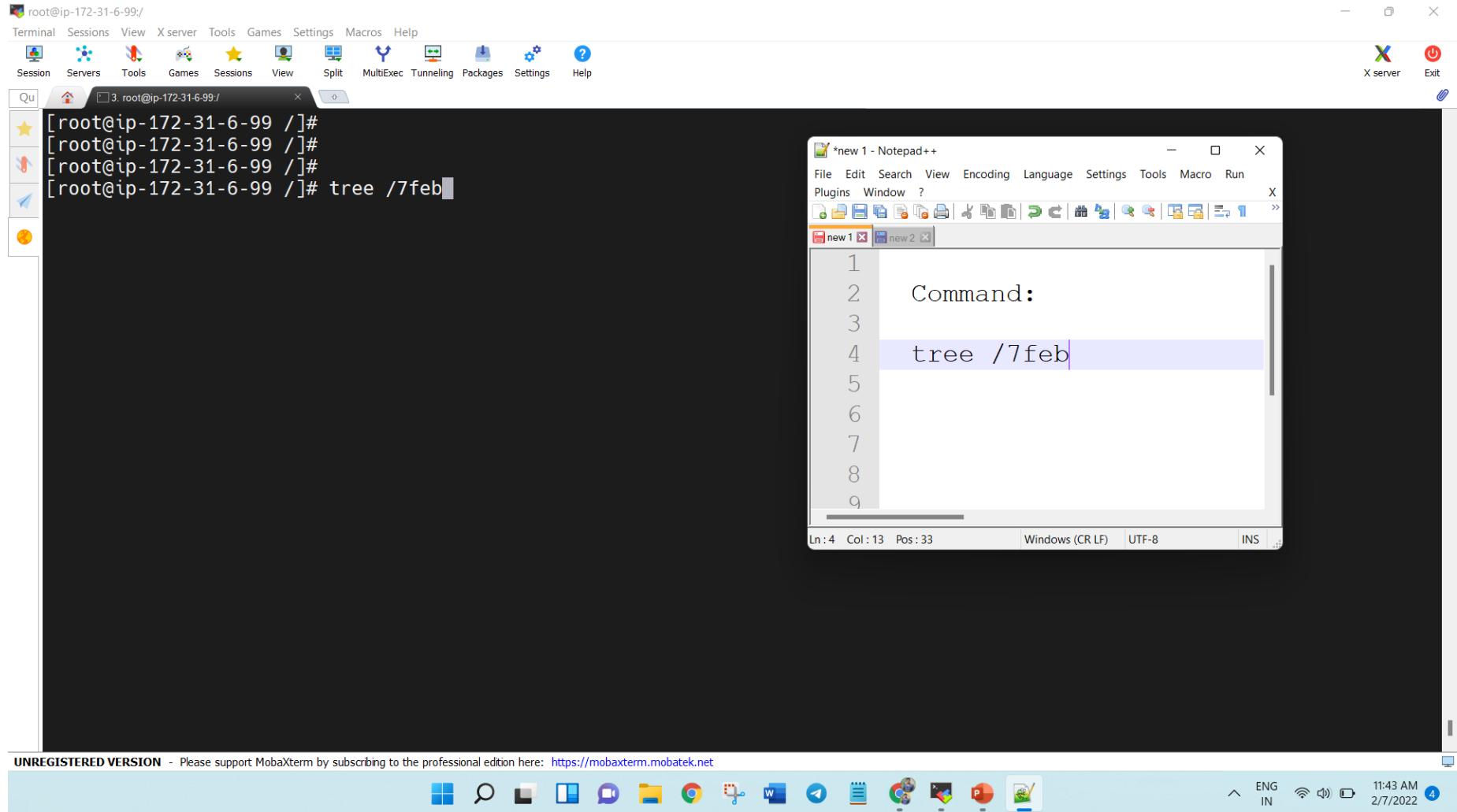
Below the terminal is a Notepad++ window titled "new 1 - Notepad++". It has a menu bar with File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Run, Plugins, Window, and ?. The toolbar below the menu includes icons for Open, Save, Find, Replace, Cut, Copy, Paste, Undo, Redo, and others. The main text area of the Notepad++ window contains the following text:

```
1
2 Command:
3
4 yum update
5
6
```

The status bar at the bottom of the Notepad++ window shows: Normal length : 73 lines : 14 Ln : 4 Col : 13 Pos : 33 Windows (CR LF) UTF-8 INS.

At the very bottom of the screen, there is a taskbar with various application icons. A message in the center of the taskbar says "UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>". The system tray on the right shows the date and time as "11:40 AM 2/7/2022".

- Here all the packages are up to date that's why this message is showing



- Use **tree /7feb** press enter

The screenshot shows a MobaXterm interface. On the left, a terminal window titled '3. root@ip-172-31-6-99:' displays the command 'tree /7feb' and its output, which lists three directories (dir1, dir2, dir3) and five files (file1.txt, temp1, temp2, temp3, temp4). Below this, it shows '3 directories, 5 files'. On the right, a Notepad++ window titled 'new 1 - Notepad++' contains a single line of code: 'tree /7feb'. The Notepad++ status bar indicates 'Ln : 4 Col : 13 Pos : 33' and file encoding 'Windows (CR LF) UTF-8 INS'. The bottom taskbar shows various Windows icons and system status.

```
[root@ip-172-31-6-99 /]#  
[root@ip-172-31-6-99 /]#  
[root@ip-172-31-6-99 /]#  
[root@ip-172-31-6-99 /]# tree /7feb  
/7feb  
|   -- dir1  
|   -- dir2  
|   -- dir3  
|   -- file1.txt  
|   -- temp1  
|   -- temp2  
|   -- temp3  
|   -- temp4  
  
3 directories, 5 files  
[root@ip-172-31-6-99 /]#
```

*new 1 - Notepad++

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

new 1 new 2

1
2 Command:
3
4 tree /7feb
5
6
7
8
9

Ln : 4 Col : 13 Pos : 33 Windows (CR LF) UTF-8 INS

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

11:43 AM 2/7/2022

- Here you can see the list on all the files and directories which present inside **7feb** directory

Thanks for doing practical with us