NAME=ADITYA ANAL

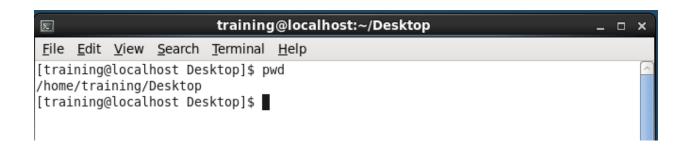
PROFILE=DATA ENGINEER

Linux Command Tutorials

Linux: The Linux command is a utility of the Linux operating system. All basic and advanced tasks can be done by executing commands. The commands are executed on the Linux terminal.

Basic Commands:

1.Pwd: The pwd command is used to display the location of the current working directory.



2. <u>mkdir Command:</u> The mkdir command is used to create a new directory under any directory.

```
training@localhost:~/Desktop

File Edit View Search Terminal Help
[training@localhost Desktop]$ pwd
/home/training/Desktop
[training@localhost Desktop]$ mkdir aditya
[training@localhost Desktop]$ ls
add add~ addd aditya Eclipse.desktop
[training@localhost Desktop]$
```

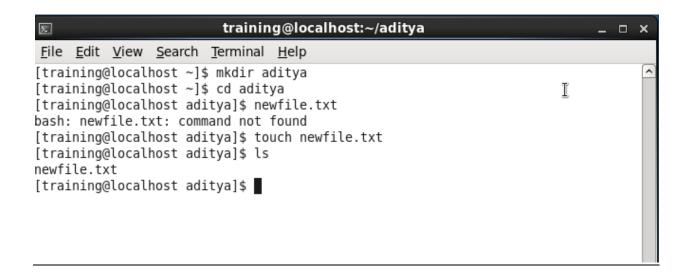
3. Is Command: The ls command is used to display a list of content of a directory.

```
[training@localhost ~]$ ls
Desktop eclipse new.txt scripts training_materials vivek
Documents lib Pictures src ut workspace
Downloads Music Public Templates Videos
[training@localhost ~]$ ■
```

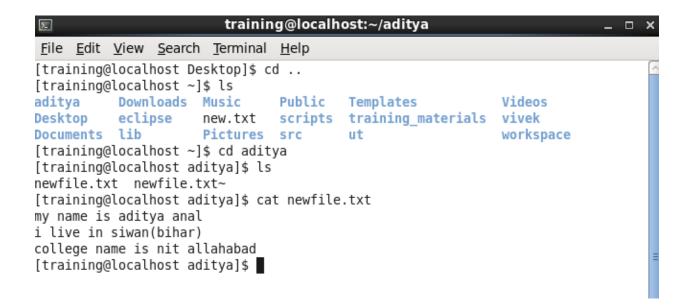
<u>4. cd Command</u>: The <u>cd</u> command is used to change the current directory.

```
training@localhost:~/vivek
<u>File Edit View Search Terminal Help</u>
[training@localhost ~]$ pwd
/home/training
[training@localhost ~]$ ls
Desktop
          eclipse new.txt
                             scripts
                                        training materials vivek
Documents lib
                   Pictures src
                                                            workspace
Downloads Music
                   Public
                             Templates Videos
[training@localhost ~]$ cd vivek
[training@localhost vivek]$
```

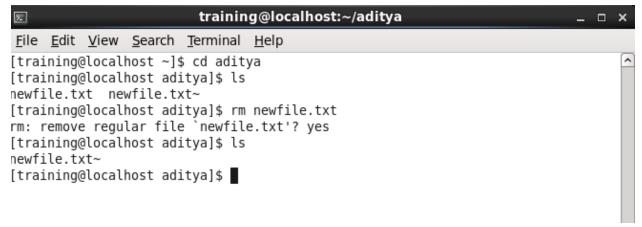
5. touch Command: The touch command is used to create empty files. We can create multiple empty files by executing it once.



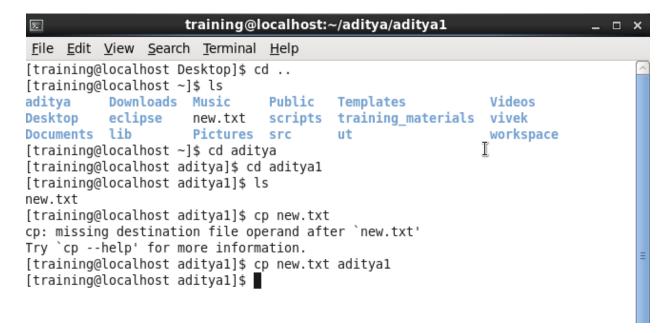
6. cat Command: The cat command is a multi-purpose utility in the Linux system. It can be used to create a file, display content of the file, copy the content of one file to another file, and more.



7. rm Command: The <u>rm</u> command is used to remove a file.



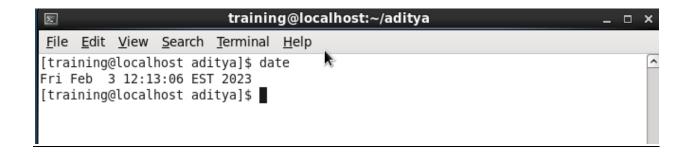
8. cp Command: The <u>cp</u> command is used to copy a file or directory.



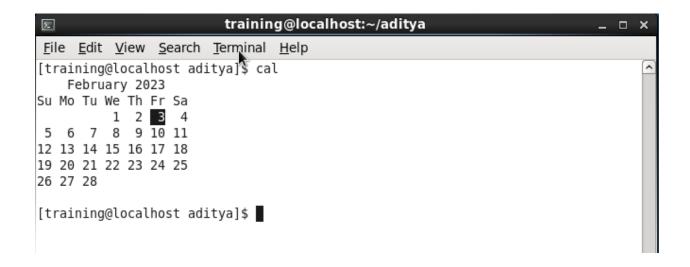
9. mv Command: The mv command is used to move a file or a directory form one location to another location.

```
training@localhost:~/aditya
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File Edit View Search Terminal Help
[training@localhost ~]$ ls
          Downloads Music
                                       Templates
aditya
                              Public
                                                          Videos
Desktop
          eclipse
                              scripts training materials vivek
                     new.txt
                     Pictures src
Documents lib
                                                          workspace
                                       ut
[training@localhost ~]$ mv new.txt aditya/
[training@localhost ~]$ cd aditya
[training@localhost aditya]$ ls
adityal newfile.txt~ new.txt
[training@localhost aditya]$
```

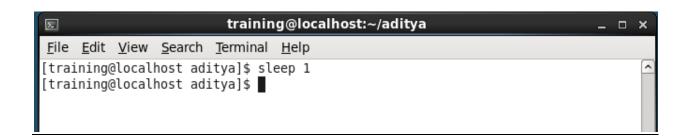
10. date Command: The date command is used to display date, time, time zone, and more.



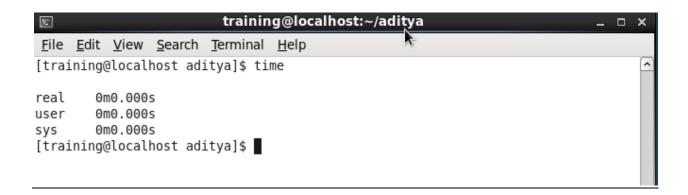
11. cal Command: The cal command is used to display the current month's calendar with the current date highlighted.



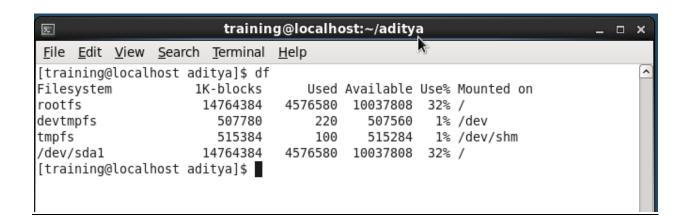
12. sleep Command: The sleep command is used to hold the terminal by the specified amount of time. By default, it takes time in seconds.



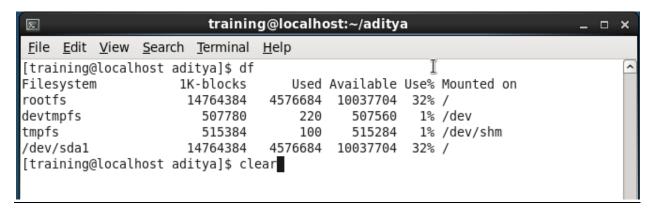
13. time Command: The time command is used to display the time to execute a command.



14. df Command: The df command is used to display the disk space used in the file system



15. clear Command: Linux clear command is used to clear the terminal screen.



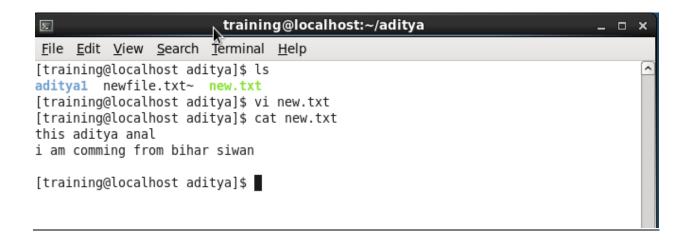


16. ip Command: Linux ip command is an updated version of the ipconfig command. It is used to assign an IP address, initialize an interface, disable an interface

17.Chmod command: the chmod command is used to change the access mode of a file.

```
training@localhost:~/aditya
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 File Edit View Search Terminal Help
[training@localhost aditya]$ ls
aditya1 newfile.txt~ new.txt
[training@localhost aditya]$ ls -l
drwxrwxr-x 2 training training 4096 Feb 3 12:05 adityal
-rw-rw-r-- 1 training training 0 Jan 23 14:07 newfile.txt~
-rw-rw-r-- 1 training training 0 Jan 23 12:39 new.txt
[training@localhost aditya]$ chmod 777 new.txt
[training@localhost aditya]$ ls -l
total 4
drwxrwxr-x 2 training training 4096 Feb 3 12:05 adityal
-rw-rw-r-- 1 training training 0 Jan 23 14:07 newfile.txt~
-rwxrwxrwx 1 training training 0 Jan 23 12:39 new.txt
[training@localhost aditya]$
```

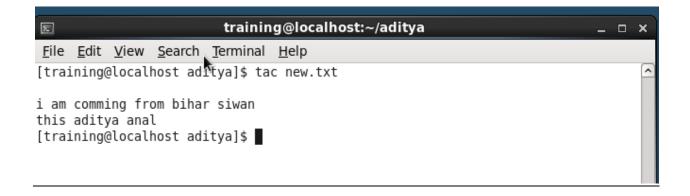
18.Vi command: The VI editor is the most popular and classic text editor in the Linux family.



19. head Command: The head command is used to display the content of a file. It displays the first 10 lines of a file.



20. tac Command: The tac command is the reverse of cat command, as its name specified. It displays the file content in reverse order



21.du command: If you want to check how much space a file or a directory takes up.



22.kill command: Use the kill command to terminate an unresponsive program manually.

