

# LINUX COMMANDS

- **ls**: Lists all files and directories in the present working directory
- **ls -R**: Lists files in sub-directories as well
- **ls -a**: Shows hidden files
- **ls -al**: Lists files and directories with detailed information like permissions, size, owner, etc.
- **cd directoryname**: Changes the directory
- **cd ..**: Moves one level up
- **pwd**: Displays the present working directory
- **cat > filename**: Creates a new file
- **cat filename**: Displays the file content
- **cat file1 file2 > file3**: Joins two files (file1 and file2) and stores the output in a new file (file3)
- **touch filename**: Creates or modifies a file
- **rm filename**: Deletes a file
- **cp source destination**: Copies files from the source path to the destination path
- **VI**: A keyboard-driven text editor that's used to create and edit text files



```
dharniyati44@linux:~$ ls
dharniyati44@linux:~$ mkdir demo
dharniyati44@linux:~$ touch test1
dharniyati44@linux:~$ ls
demo  test1
dharniyati44@linux:~$ vi test1
dharniyati44@linux:~$ ls test1
test1
dharniyati44@linux:~$ cat test1
i am learning linux command

1
2
3

qwertyuuuytrewer
dharniyati44@linux:~$ touch test2
dharniyati44@linux:~$ ls
demo  test1  test2
dharniyati44@linux:~$ vi test2
dharniyati44@linux:~$ cat teat2
cat: teat2: No such file or directory
dharniyati44@linux:~$ cat test2
hello welcome!

3
2
1

dharniyati44@linux:~$ ls -al
total 40
drwxr-xr-x 4 dharniyati44 dharniyati44 4096 Feb 10 08:03 .
drwxr-xr-x 3 root         root         4096 Feb 10 07:56 ..
-rw-r--r-- 1 dharniyati44 dharniyati44  220 Mar 29  2024 .bash_logout
-rw-r--r-- 1 dharniyati44 dharniyati44 3526 Mar 29  2024 .bashrc
-rw-r--r-- 1 dharniyati44 dharniyati44  807 Mar 29  2024 .profile
drwx----- 2 dharniyati44 dharniyati44 4096 Feb 10 07:59 .ssh
-rw----- 1 dharniyati44 dharniyati44 1072 Feb 10 08:03 .viminfo
drwxr-xr-x 2 dharniyati44 dharniyati44 4096 Feb 10 07:57 demo
-rw-r--r-- 1 dharniyati44 dharniyati44   55 Feb 10 08:01 test1
-rw-r--r-- 1 dharniyati44 dharniyati44   23 Feb 10 08:03 test2
```

```
-rw-r--r-- 1 dharniyati44 dharniyati44 23 Feb 10 08:03 test2
```

```
dharniyati44@linux:~$ ls -r
```

```
test2 test1 demo
```

```
dharniyati44@linux:~$ pwd
```

```
/home/dharniyati44
```

```
dharniyati44@linux:~$ cp ~/test1 ~/test2
```

```
dharniyati44@linux:~$ ls
```

```
demo test1 test2
```

```
dharniyati44@linux:~$ cat test1
```

```
i am learning linux command
```

```
1
```

```
2
```

```
3
```

```
qwertyuuuytrewer
```

```
dharniyati44@linux:~$ cat test2
```

```
i am learning linux command
```

```
1
```

```
2
```

```
3
```

```
qwertyuuuytrewer
```

```
dharniyati44@linux:~$ ls
```

```
demo test1 test2
```

```
dharniyati44@linux:~$ cat >test3
```

```
hello world!
```

```
dharniyati44@linux:~$ ls
```

```
demo test1 test2 test3
```