Practice files and directories :

LS Command:

Ls –l: list all the directories and files

Example for ls –a: to list all the files including hidden files

If we use ls –l hidden files and folders are not visible.

We need to use ls –a for hidden files and directories to display hidden files and directories along with normal files and folders.

```
root@ICPL14580:/home# ls -a
.   .hiddendir   .hiddenfile2            ifelsescript.sh  sample.txt   sample2.txt  sample4.txt  sample6.txt  test_data      test_data1.csv
..  .hiddenfile  employee_test_data.csv  myscript.sh      sample1.txt  sample3.txt  sample5.txt  sample7.txt  test_data.csv
root@ICPL14580:/home#
```

ls –lS

```
root@ICPL14580:/home# ls -lS
total 60
-rw-r--r-- 1 root root 17581 Dec 12 05:30 employee_test_data.csv
-rw-r--r-- 1 root root 16475 Dec 12 05:19 test_data
-rw-r--r-- 1 root root 16473 Dec 12 05:22 test_data1.csv
-rwxrwxrwx 1 root root   358 Oct 19 05:31 sample.txt
-rwxrwxr-- 1 root root   155 Oct 19 09:55 ifelsescript.sh
-rw-r--r-- 1 root root   122 Oct 18 12:48 sample2.txt
-rwxrwxrwx 1 root root    95 Oct 19 08:45 myscript.sh
-rw-r--r-- 1 root root     1 Dec 12 05:17 test_data.csv
-rw-r--r-- 1 root root     0 Oct 19 07:56 sample1.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample3.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample4.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample5.txt
-rw-r--r-- 1 root root     0 Oct 19 06:45 sample6.txt
-rw-r--r-- 1 root root     0 Oct 19 06:45 sample7.txt
root@ICPL14580:/home#
```

Ex for ls –lhS: h for human readable size format

```
root@ICPL14580:/home# ls -lhS
total 60K
-rw-r--r-- 1 root root 18K Dec 12 05:30 employee_test_data.csv
-rw-r--r-- 1 root root 17K Dec 12 05:19 test_data
-rw-r--r-- 1 root root 17K Dec 12 05:22 test_data1.csv
-rwxrwxrwx 1 root root 358 Oct 19 05:31 sample.txt
-rwxrwxr-- 1 root root 155 Oct 19 09:55 ifelsescript.sh
-rw-r--r-- 1 root root 122 Oct 18 12:48 sample2.txt
-rwxrwxrwx 1 root root  95 Oct 19 08:45 myscript.sh
-rw-r--r-- 1 root root   1 Dec 12 05:17 test_data.csv
-rw-r--r-- 1 root root   0 Oct 19 07:56 sample1.txt
-rw-r--r-- 1 root root   0 Oct 19 06:44 sample3.txt
-rw-r--r-- 1 root root   0 Oct 19 06:44 sample4.txt
-rw-r--r-- 1 root root   0 Oct 19 06:44 sample5.txt
-rw-r--r-- 1 root root   0 Oct 19 06:45 sample6.txt
-rw-r--r-- 1 root root   0 Oct 19 06:45 sample7.txt
```

ls -i shows the inode number of each file, which is useful for managing hard links or

troubleshooting filesystem issues.

```
root@ICPL14580:/home# ls -l
 6192449487965825 employee_test_data.csv    4503599627523406 sample.txt      7036874417790649 sample3.txt  11258999068511849 sample6.txt  12666373952011426 test_data.csv
11540474045221760 ifelsescript.sh           4503599627957691 sample1.txt  11821949021933043 sample4.txt   6192449487795756 sample7.txt   3377699720861207 test_data1.csv
12103423998586715 myscript.sh               5348024557621007 sample2.txt  12947848928847961 sample5.txt  31525197391622178 test_data
root@ICPL14580:/home# ls -li
total 60
 6192449487965825 -rw-r--r-- 1 root root 17581 Dec 12 05:30 employee_test_data.csv
11540474045221760 -rwxrwxr-- 1 root root   155 Oct 19 09:55 ifelsescript.sh
12103423998586715 -rwxrwxrwx 1 root root    95 Oct 19 08:45 myscript.sh
 4503599627523406 -rwxrwxrwx 1 root root   358 Oct 19 05:31 sample.txt
 4503599627957691 -rw-r--r-- 1 root root     0 Oct 19 07:56 sample1.txt
 5348024557621007 -rw-r--r-- 1 root root   122 Oct 18 12:48 sample2.txt
 7036874417790649 -rw-r--r-- 1 root root     0 Oct 19 06:44 sample3.txt
11821949021933043 -rw-r--r-- 1 root root     0 Oct 19 06:44 sample4.txt
12947848928847961 -rw-r--r-- 1 root root     0 Oct 19 06:44 sample5.txt
11258999068511849 -rw-r--r-- 1 root root     0 Oct 19 06:45 sample6.txt
 6192449487795756 -rw-r--r-- 1 root root     0 Oct 19 06:45 sample7.txt
31525197391622178 -rw-r--r-- 1 root root 16475 Dec 12 05:19 test_data
12666373952011426 -rw-r--r-- 1 root root     1 Dec 12 05:17 test_data.csv
 3377699720861207 -rw-r--r-- 1 root root 16473 Dec 12 05:22 test_data1.csv
root@ICPL14580:/home#
```

Ls with wildcard matching

```
root@ICPL14580:/home# ls -l *.csv
-rw-r--r-- 1 root root 17581 Dec 12 05:30 employee_test_data.csv
-rw-r--r-- 1 root root     1 Dec 12 05:17 test_data.csv
-rw-r--r-- 1 root root 16473 Dec 12 05:22 test_data1.csv
root@ICPL14580:/home#
```

Ls –lh

```
root@ICPL14580:/home# ls -lh
total 60K
-rw-r--r-- 1 root root 18K Dec 12 05:30 employee_test_data.csv
-rwxrwxr-- 1 root root 155 Oct 19 09:55 ifelsescript.sh
-rwxrwxrwx 1 root root  95 Oct 19 08:45 myscript.sh
-rwxrwxrwx 1 root root 358 Oct 19 05:31 sample.txt
-rw-r--r-- 1 root root   0 Oct 19 07:56 sample1.txt
-rw-r--r-- 1 root root 122 Oct 18 12:48 sample2.txt
-rw-r--r-- 1 root root   0 Oct 19 06:44 sample3.txt
-rw-r--r-- 1 root root   0 Oct 19 06:44 sample4.txt
-rw-r--r-- 1 root root   0 Oct 19 06:44 sample5.txt
-rw-r--r-- 1 root root   0 Oct 19 06:45 sample6.txt
-rw-r--r-- 1 root root   0 Oct 19 06:45 sample7.txt
-rw-r--r-- 1 root root 17K Dec 12 05:19 test_data
-rw-r--r-- 1 root root   1 Dec 12 05:17 test_data.csv
-rw-r--r-- 1 root root 17K Dec 12 05:22 test_data1.csv
```

```
root@ICPL14580:/home# ls -a
.    .hiddendir   .hiddenfile2                ifelsescript.sh  sample.txt   sample2.txt  sample4.txt  sample6.txt  test_data      test_data1.csv
..   .hiddenfile  employee_test_data.csv  myscript.sh         sample1.txt  sample3.txt  sample5.txt  sample7.txt  test_data.csv
root@ICPL14580:/home#
```

Ls –lR

```
root@ICPL14580:/home# ls -lR
.:
total 60
-rw-r--r-- 1 root root 17581 Dec 12 05:30 employee_test_data.csv
-rwxrwxr-- 1 root root   155 Oct 19 09:55 ifelsescript.sh
-rwxrwxrwx 1 root root    95 Oct 19 08:45 myscript.sh
-rwxrwxrwx 1 root root   358 Oct 19 05:31 sample.txt
-rw-r--r-- 1 root root     0 Oct 19 07:56 sample1.txt
-rw-r--r-- 1 root root   122 Oct 18 12:48 sample2.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample3.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample4.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample5.txt
-rw-r--r-- 1 root root     0 Oct 19 06:45 sample6.txt
-rw-r--r-- 1 root root     0 Oct 19 06:45 sample7.txt
drwxr-xr-x 1 root root  4096 Dec 17 05:11 sampledir
-rw-r--r-- 1 root root 16475 Dec 12 05:19 test_data
-rw-r--r-- 1 root root     1 Dec 12 05:17 test_data.csv
-rw-r--r-- 1 root root 16473 Dec 12 05:22 test_data1.csv

./sampledir:
total 0
-rw-r--r-- 1 root root 0 Dec 17 05:11 ex.txt
-rw-r--r-- 1 root root 0 Dec 17 05:11 ex1.txt
-rw-r--r-- 1 root root 0 Dec 17 05:11 ex2.txt
-rw-r--r-- 1 root root 0 Dec 17 05:11 ex3.txt
```

ls -d */ : Lists only the directories in the current path (no contents).

```
root@ICPL14580:/home# ls -d */
sampledir/
```

How would you use ls to display file types (e.g., directories, regular files, symbolic links)?

Use the -F option, which adds a / for directories, @ for symbolic links, and * for executable files:

```
ifelsescript.sh          sample.txt     sample2.txt   sample4.txt   sample6.txt   sa
root@ICPL14580:/home# ls -lF
total 60
-rw-r--r-- 1 root root 17581 Dec 12 05:30 employee_test_data.csv
-rwxrwxr-- 1 root root   155 Oct 19 09:55 ifelsescript.sh*
-rwxrwxrwx 1 root root    95 Oct 19 08:45 myscript.sh*
-rwxrwxrwx 1 root root   358 Oct 19 05:31 sample.txt*
-rw-r--r-- 1 root root     0 Oct 19 07:56 sample1.txt
-rw-r--r-- 1 root root   122 Oct 18 12:48 sample2.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample3.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample4.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample5.txt
-rw-r--r-- 1 root root     0 Oct 19 06:45 sample6.txt
-rw-r--r-- 1 root root     0 Oct 19 06:45 sample7.txt
drwxr-xr-x 1 root root  4096 Dec 17 05:11 sampledir/
-rw-r--r-- 1 root root 16475 Dec 12 05:19 test_data
-rw-r--r-- 1 root root     1 Dec 12 05:17 test_data.csv
-rw-r--r-- 1 root root 16473 Dec 12 05:22 test_data1.csv
root@ICPL14580:/home#
```

Cd command

```
root@ICPL14580:/home# cd ..
root@ICPL14580:/#
```

```
root@ICPL14580:/home/sampledir# cd ../..
root@ICPL14580:/#
```

```
root@ICPL14580:/home/sampledir# cd -
/home
root@ICPL14580:/home# cd -
/home/sampledir
root@ICPL14580:/home/sampledir#
```

```
root@ICPL14580:/home/sampledir# cd
root@ICPL14580:~#
```

```
root@ICPL14580:/home# cd sampledir/subsampledir
root@ICPL14580:/home/sampledir/subsampledir#
```

```
root@ICPL14580:/home# cd ~
root@ICPL14580:~# ls -l
total 12
-rwxr-xr-x 1 root root 8439 Dec 12 05:11 employee_test_data.csv
root@ICPL14580:~# pwd
/root
root@ICPL14580:~#
```

```
root@ICPL14580:/# cd home
root@ICPL14580:/home# cd $HOME
root@ICPL14580:~# pwd
/root
root@ICPL14580:~#
```

PWD command:

```
 root@ICPL14580: /home
root@ICPL14580:/home#
root@ICPL14580:/home# pwd
/home
root@ICPL14580:/home#
```

```
root@ICPL14580:/home# ls -l
total 60
-rw-r--r-- 1 root root 17581 Dec 12 05:30 employee_test_data.csv
-rwxrwxr-- 1 root root   155 Oct 19 09:55 ifelsescript.sh
drwxr-xr-x 1 root root  4096 Dec 17 05:44 log
drwxr-xr-x 1 root root  4096 Dec 17 05:49 myfolder
-rwxrwxrwx 1 root root    95 Oct 19 08:45 myscript.sh
-rwxrwxrwx 1 root root   358 Oct 19 05:31 sample.txt
-rw-r--r-- 1 root root     0 Oct 19 07:56 sample1.txt
-rw-r--r-- 1 root root   122 Oct 18 12:48 sample2.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample3.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample4.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample5.txt
-rw-r--r-- 1 root root     0 Oct 19 06:45 sample6.txt
-rw-r--r-- 1 root root     0 Oct 19 06:45 sample7.txt
drwxr-xr-x 1 root root  4096 Dec 17 05:30 sampledir
drwxr-xr-x 1 root root  4096 Dec 17 05:27 sampledir2
drwxr-xr-x 1 root root  4096 Dec 17 05:27 sampledir3
-rw-r--r-- 1 root root 16475 Dec 12 05:19 test_data
-rw-r--r-- 1 root root     1 Dec 12 05:17 test_data.csv
-rw-r--r-- 1 root root 16473 Dec 12 05:22 test_data1.csv
root@ICPL14580:/home# ls -l ~
total 12
-rwxr-xr-x 1 root root 8439 Dec 12 05:11 employee_test_data.csv
lrwxrwxrwx 1 root root    9 Dec 17 05:48 mylink -> /root/log
lrwxrwxrwx 1 root root   14 Dec 17 05:50 mylink1 -> /root/myfolder
lrwxrwxrwx 1 root root   18 Dec 17 05:45 syslog_link -> /log/samplelog.txt
root@ICPL14580:/home#
```

mkdir -p /path/to/new/dir

```
root@ICPL14580:~# ls -R
.:
employee_test_data.csv  mylink  mylink1  path  syslog_link

./path:
to

./path/to:
new

./path/to/new:
dir

./path/to/new/dir:
root@ICPL14580:~#
```

mkdir -p existing_dir

```
root@ICPL14580:~# mkdir -p sampledir
root@ICPL14580:~# mkdir sampledir
mkdir: cannot create directory 'sampledir': File exists
root@ICPL14580:~#
```

mkdir -m 755 new_dir

```
root@ICPL14580:/home# mkdir -m 755 new_dir
root@ICPL14580:/home# ls -l
total 60
-rw-r--r-- 1 root root 17581 Dec 12 05:30 employee_test_data.csv
-rwxrwxr-- 1 root root   155 Oct 19 09:55 ifelsescript.sh
drwxr-xr-x 1 root root  4096 Dec 17 05:44 log
drwxr-xr-x 1 root root  4096 Dec 17 05:49 myfolder
-rwxrwxrwx 1 root root    95 Oct 19 08:45 myscript.sh
drwxr-xr-x 1 root root  4096 Dec 17 06:06 new_dir
-rwxrwxrwx 1 root root   358 Oct 19 05:31 sample.txt
-rw-r--r-- 1 root root     0 Oct 19 07:56 sample1.txt
-rw-r--r-- 1 root root   122 Oct 18 12:48 sample2.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample3.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample4.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample5.txt
-rw-r--r-- 1 root root     0 Oct 19 06:45 sample6.txt
-rw-r--r-- 1 root root     0 Oct 19 06:45 sample7.txt
drwxr-xr-x 1 root root  4096 Dec 17 05:30 sampledir
drwxr-xr-x 1 root root  4096 Dec 17 05:27 sampledir2
drwxr-xr-x 1 root root  4096 Dec 17 05:27 sampledir3
-rw-r--r-- 1 root root 16475 Dec 12 05:19 test_data
-rw-r--r-- 1 root root     1 Dec 12 05:17 test_data.csv
-rw-r--r-- 1 root root 16473 Dec 12 05:22 test_data1.csv
```

mkdir dir1 dir2 dir3

```
root@ICPL14580:/home# mkdir dir1 dir2 dir3
root@ICPL14580:/home# ls -l
total 60
drwxr-xr-x 1 root root  4096 Dec 17 06:08 dir1
drwxr-xr-x 1 root root  4096 Dec 17 06:08 dir2
drwxr-xr-x 1 root root  4096 Dec 17 06:08 dir3
-rw-r--r-- 1 root root 17581 Dec 12 05:30 employee_test_data.csv
-rwxrwxr-- 1 root root   155 Oct 19 09:55 ifelsescript.sh
drwxr-xr-x 1 root root  4096 Dec 17 05:44 log
drwxr-xr-x 1 root root  4096 Dec 17 05:49 myfolder
-rwxrwxrwx 1 root root    95 Oct 19 08:45 myscript.sh
drwxr-xr-x 1 root root  4096 Dec 17 06:06 new_dir
-rwxrwxrwx 1 root root   358 Oct 19 05:31 sample.txt
-rw-r--r-- 1 root root     0 Oct 19 07:56 sample1.txt
-rw-r--r-- 1 root root   122 Oct 18 12:48 sample2.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample3.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample4.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample5.txt
-rw-r--r-- 1 root root     0 Oct 19 06:45 sample6.txt
-rw-r--r-- 1 root root     0 Oct 19 06:45 sample7.txt
drwxr-xr-x 1 root root  4096 Dec 17 05:30 sampledir
drwxr-xr-x 1 root root  4096 Dec 17 05:27 sampledir2
drwxr-xr-x 1 root root  4096 Dec 17 05:27 sampledir3
-rw-r--r-- 1 root root 16475 Dec 12 05:19 test_data
-rw-r--r-- 1 root root     1 Dec 12 05:17 test_data.csv
-rw-r--r-- 1 root root 16473 Dec 12 05:22 test_data1.csv
root@ICPL14580:/home#
```

Rm command

```
root@ICPL14580:/home# mkdir dir1 dir2 dir3
root@ICPL14580:/home# ls -l
total 60
drwxr-xr-x 1 root root  4096 Dec 17 06:08 dir1
drwxr-xr-x 1 root root  4096 Dec 17 06:08 dir2
drwxr-xr-x 1 root root  4096 Dec 17 06:08 dir3
-rw-r--r-- 1 root root 17581 Dec 12 05:30 employee_test_data.csv
-rwxrwxr-- 1 root root   155 Oct 19 09:55 ifelsescript.sh
drwxr-xr-x 1 root root  4096 Dec 17 05:44 log
drwxr-xr-x 1 root root  4096 Dec 17 05:49 myfolder
-rwxrwxrwx 1 root root    95 Oct 19 08:45 myscript.sh
drwxr-xr-x 1 root root  4096 Dec 17 06:06 new_dir
-rwxrwxrwx 1 root root   358 Oct 19 05:31 sample.txt
-rw-r--r-- 1 root root     0 Oct 19 07:56 sample1.txt
-rw-r--r-- 1 root root   122 Oct 18 12:48 sample2.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample3.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample4.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample5.txt
-rw-r--r-- 1 root root     0 Oct 19 06:45 sample6.txt
-rw-r--r-- 1 root root     0 Oct 19 06:45 sample7.txt
drwxr-xr-x 1 root root  4096 Dec 17 05:30 sampledir
drwxr-xr-x 1 root root  4096 Dec 17 05:27 sampledir2
drwxr-xr-x 1 root root  4096 Dec 17 05:27 sampledir3
-rw-r--r-- 1 root root 16475 Dec 12 05:19 test_data
-rw-r--r-- 1 root root     1 Dec 12 05:17 test_data.csv
-rw-r--r-- 1 root root 16473 Dec 12 05:22 test_data1.csv
root@ICPL14580:/home# rm sample.txt
root@ICPL14580:/home# rm -r dir1
root@ICPL14580:/home# rm -rf dir2
```

Command: rm –rf

1. This tells `rm` to recursively and forcefully delete **everything** starting from the root directory (/).

Real-World Consequences

When this happens:

1. **System Files Deleted**:

Critical system files like /bin, /lib, /etc are deleted, causing the operating system to fail.

2. **Immediate System Crash**:

Processes will start failing as system binaries and libraries disappear. Your terminal might stop working, and the system will eventually crash.

3. **Data Loss**:

All user data, including important files, will be lost.

4. **System Unrecoverable**:

Recovery might require reinstalling the operating system and restoring from a backup.

Command : rm *.log

```
-rw-r--r-- 1 root root      0 Dec 17 06:16 sample.log
-rw-r--r-- 1 root root      0 Dec 17 06:16 sample1.log
-rw-r--r-- 1 root root      0 Oct 19 07:56 sample1.txt
-rw-r--r-- 1 root root      0 Dec 17 06:16 sample2.log
-rw-r--r-- 1 root root    122 Oct 18 12:48 sample2.txt
-rw-r--r-- 1 root root      0 Dec 17 06:16 sample3.log
-rw-r--r-- 1 root root      0 Oct 19 06:44 sample3.txt
-rw-r--r-- 1 root root      0 Oct 19 06:44 sample4.txt
-rw-r--r-- 1 root root      0 Oct 19 06:44 sample5.txt
-rw-r--r-- 1 root root      0 Oct 19 06:45 sample6.txt
-rw-r--r-- 1 root root      0 Oct 19 06:45 sample7.txt
drwxr-xr-x 1 root root   4096 Dec 17 05:30 sampledir
drwxr-xr-x 1 root root   4096 Dec 17 05:27 sampledir2
drwxr-xr-x 1 root root   4096 Dec 17 05:27 sampledir3
-rw-r--r-- 1 root root  16475 Dec 12 05:19 test_data
-rw-r--r-- 1 root root      1 Dec 12 05:17 test_data.csv
-rw-r--r-- 1 root root  16473 Dec 12 05:22 test_data1.csv
root@ICPL14580:/home# rm *.log
root@ICPL14580:/home# ls -l
total 60
drwxr-xr-x 1 root root   4096 Dec 17 06:08 dir3
-rw-r--r-- 1 root root  17581 Dec 12 05:30 employee_test_data.csv
-rwxrwxr-- 1 root root    155 Oct 19 09:55 ifelsescript.sh
drwxr-xr-x 1 root root   4096 Dec 17 05:44 log
drwxr-xr-x 1 root root   4096 Dec 17 05:49 myfolder
-rwxrwxrwx 1 root root     95 Oct 19 08:45 myscript.sh
drwxr-xr-x 1 root root   4096 Dec 17 06:06 new_dir
-rw-r--r-- 1 root root      0 Oct 19 07:56 sample1.txt
-rw-r--r-- 1 root root    122 Oct 18 12:48 sample2.txt
-rw-r--r-- 1 root root      0 Oct 19 06:44 sample3.txt
-rw-r--r-- 1 root root      0 Oct 19 06:44 sample4.txt
-rw-r--r-- 1 root root      0 Oct 19 06:44 sample5.txt
-rw-r--r-- 1 root root      0 Oct 19 06:45 sample6.txt
-rw-r--r-- 1 root root      0 Oct 19 06:45 sample7.txt
drwxr-xr-x 1 root root   4096 Dec 17 05:30 sampledir
drwxr-xr-x 1 root root   4096 Dec 17 05:27 sampledir2
drwxr-xr-x 1 root root   4096 Dec 17 05:27 sampledir3
-rw-r--r-- 1 root root  16475 Dec 12 05:19 test_data
-rw-r--r-- 1 root root      1 Dec 12 05:17 test_data.csv
-rw-r--r-- 1 root root  16473 Dec 12 05:22 test_data1.csv
root@ICPL14580:/home#
```

```
root@ICPL14580:/home# touch sample.log sample1.log sample2.log
root@ICPL14580:/home# ls -l
total 60
drwxr-xr-x 1 root root  4096 Dec 17 06:08 dir3
-rw-r--r-- 1 root root 17581 Dec 12 05:30 employee_test_data.csv
-rwxrwxr-- 1 root root   155 Oct 19 09:55 ifelsescript.sh
drwxr-xr-x 1 root root  4096 Dec 17 05:44 log
drwxr-xr-x 1 root root  4096 Dec 17 05:49 myfolder
-rwxrwxrwx 1 root root    95 Oct 19 08:45 myscript.sh
drwxr-xr-x 1 root root  4096 Dec 17 06:06 new_dir
-rw-r--r-- 1 root root     0 Dec 17 06:19 sample.log
-rw-r--r-- 1 root root     0 Dec 17 06:19 sample1.log
-rw-r--r-- 1 root root     0 Oct 19 07:56 sample1.txt
-rw-r--r-- 1 root root     0 Dec 17 06:19 sample2.log
-rw-r--r-- 1 root root   122 Oct 18 12:48 sample2.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample3.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample4.txt
-rw-r--r-- 1 root root     0 Oct 19 06:44 sample5.txt
-rw-r--r-- 1 root root     0 Oct 19 06:45 sample6.txt
-rw-r--r-- 1 root root     0 Oct 19 06:45 sample7.txt
drwxr-xr-x 1 root root  4096 Dec 17 05:30 sampledir
drwxr-xr-x 1 root root  4096 Dec 17 05:27 sampledir2
drwxr-xr-x 1 root root  4096 Dec 17 05:27 sampledir3
-rw-r--r-- 1 root root 16475 Dec 12 05:19 test_data
-rw-r--r-- 1 root root     1 Dec 12 05:17 test_data.csv
-rw-r--r-- 1 root root 16473 Dec 12 05:22 test_data1.csv
root@ICPL14580:/home# rm -i *.log
rm: remove regular empty file 'sample.log'? yes
rm: remove regular empty file 'sample1.log'? yes
rm: remove regular empty file 'sample2.log'? yes
root@ICPL14580:/home#
```

```
root@ICPL14580:/home# touch sample.log sample1.log sample2.log
root@ICPL14580:/home# rm -f *.log
root@ICPL14580:/home#
```

```
root@ICPL14580:/home# touch imp.txt imp1.txt imp2.txt
root@ICPL14580:/home# alias rm='rm -i'
root@ICPL14580:/home# rm imp.txt
rm: remove regular empty file 'imp.txt'? y
root@ICPL14580:/home#
```