

```

sunbeam@sunbeam-niraj:~$ ls -l
total 91652
-rw-rw-r-- 1 sunbeam sunbeam 23762 Dec 11 16:26 acts.jpg
-rw-rw-r-- 1 sunbeam sunbeam 5311 Nov 9 12:15 ans
-rw-rw-r-- 1 sunbeam sunbeam 2093 Oct 7 16:18 assignment21
-rw-rw-r-- 1 sunbeam sunbeam 4 Dec 15 18:07 demo.txt
drwxr-xr-x 2 sunbeam sunbeam 4096 Oct 26 18:31 Desktop
drwxrwxr-x 2 sunbeam sunbeam 4096 Nov 26 15:12 'Docs upload'
drwxr-xr-x 5 sunbeam sunbeam 4096 Dec 16 19:12 Documents
drwxr-xr-x 6 sunbeam sunbeam 4096 Dec 16 19:10 Downloads
-rw-rw-r-- 1 sunbeam sunbeam 31 Dec 16 17:26 file2.txt
-rw-rw-r-- 1 sunbeam sunbeam 171 Dec 16 17:56 file3.sh
-rw-rw-r-- 1 sunbeam sunbeam 39 Dec 16 17:55 file3.txt
-rw-rw-r-- 1 sunbeam sunbeam 25 Dec 16 16:51 file.txt
drwxrwxr-x 3 sunbeam sunbeam 4096 Dec 16 17:20 GitPaper
-rw-rw-r-- 1 sunbeam sunbeam 4 Dec 15 18:05 info2.txt
-rw-rw-r-- 1 sunbeam sunbeam 146 Dec 15 17:54 info.txt
-rw-rw-r-- 1 sunbeam sunbeam 93670363 Dec 15 15:07 minikube-linux-amd64
drwxr-xr-x 2 sunbeam sunbeam 4096 Sep 9 01:06 Music
-rw-rw-r-- 1 sunbeam sunbeam 34122 Nov 28 18:28 __MyResume__.pdf
-rw-rw-r-- 1 sunbeam sunbeam 8162 Oct 4 12:48 'mysql pl 7 exercise'
drwxr-xr-x 3 sunbeam sunbeam 4096 Sep 14 16:47 Pictures
drwxrwxr-x 11 sunbeam sunbeam 4096 Nov 8 19:45 Practice
drwxr-xr-x 2 sunbeam sunbeam 4096 Sep 9 01:06 Public
drwx----- 10 sunbeam sunbeam 4096 Dec 12 14:28 snap
-rw-rw-r-- 1 sunbeam sunbeam 4767 Sep 18 16:45 'SQL EXERCISE 1'
drwxrwxr-x 9 sunbeam sunbeam 4096 Nov 4 16:16 sunbeampull
-rw-rw-r-- 1 sunbeam sunbeam 24 Dec 15 22:57 t1.txt
drwxr-xr-x 2 sunbeam sunbeam 4096 Sep 9 01:06 Templates
drwxr-xr-x 3 sunbeam sunbeam 4096 Nov 26 11:12 Videos

sunbeam@sunbeam-niraj:~$ ls
acts.jpg      'Docs upload'  file3.txt      minikube-linux-amd64  Practice      t1.txt
ans           Documents      file.txt       Music                 Public        Templates
assignment21  Downloads     GitPaper      __MyResume__.pdf     snap         Videos
demo.txt     file2.txt      info2.txt      'mysql pl 7 exercise' 'SQL EXERCISE 1'
Desktop      file3.sh      info.txt      Pictures              sunbeampull

sunbeam@sunbeam-niraj:~$ cat info.txt
"Linux is open source.
In linux everything
is file.files have permissions.
files have inode no.
files have size.
there are several types of file"

sunbeam@sunbeam-niraj:~$ ls -c
snap      file2.txt  info2.txt      'Docs upload'  Desktop      Music
Documents GitPaper    info.txt       Videos        assignment21  Public
Downloads file.txt   minikube-linux-amd64  ans           'mysql pl 7 exercise'  Templates
file3.sh  t1.txt    acts.jpg      Practice       'SQL EXERCISE 1'
file3.txt demo.txt  __MyResume__.pdf  sunbeampull   Pictures

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sunbeam@sunbeam-niraj:~$ cat > mytext.txt
Niraj Shaha
sunbeam@sunbeam-niraj:~$ cat >> mytext.txt
Takari
sunbeam@sunbeam-niraj:~$ cat mytext.txt
Niraj Shaha
Takari

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sunbeam@sunbeam-niraj:~$ mkdir test
sunbeam@sunbeam-niraj:~$ cd test
sunbeam@sunbeam-niraj:~/test$ mkdir one
sunbeam@sunbeam-niraj:~/test$ cd one
sunbeam@sunbeam-niraj:~/test/one$ touch 1.txt 11.txt 111.txt
sunbeam@sunbeam-niraj:~/test/one$ mkdir two
sunbeam@sunbeam-niraj:~/test/one$ cd two
sunbeam@sunbeam-niraj:~/test/one/two$ touch 2.txt 22.txt 222.txt
sunbeam@sunbeam-niraj:~/test/one/two$ mkdir three
sunbeam@sunbeam-niraj:~/test/one/two$ cd three
sunbeam@sunbeam-niraj:~/test/one/two/three$ touch 3.txt 33.txt 333.txt
sunbeam@sunbeam-niraj:~/test/one/two/three$ mkdir four
sunbeam@sunbeam-niraj:~/test/one/two/three$ cd four
sunbeam@sunbeam-niraj:~/test/one/two/three/four$ touch 4.txt 44.txt 444.txt
sunbeam@sunbeam-niraj:~/test/one/two/three/four$ mkdir five
sunbeam@sunbeam-niraj:~/test/one/two/three/four$ cd five
sunbeam@sunbeam-niraj:~/test/one/two/three/four/five$ touch 5.txt 55.txt 555.txt
sunbeam@sunbeam-niraj:~/test/one/two/three/four/five$ cd ~
sunbeam@sunbeam-niraj:~$ ls
acts.jpg      'Docs upload'  file3.txt      minikube-linux-amd64  Pictures      sunbeampull
ans           Documents      file.txt       Music                Practice      t1.txt
assignment21  Downloads     GltPaper      __MyResume__.pdf     Public        Templates
demo.txt     file2.txt     info2.txt     'mysql pl 7 exercise'  snap          test
Desktop      file3.sh      info.txt      mytext.txt           'SQL EXERCISE 1'  Videos
sunbeam@sunbeam-niraj:~$ ls /test/one/two/three/four/five
ls: cannot access '/test/one/two/three/four/five': No such file or directory
sunbeam@sunbeam-niraj:~$ ls /home /test/one/two/three/four/five
ls: cannot access '/test/one/two/three/four/five': No such file or directory
/home:
sunbeam
sunbeam@sunbeam-niraj:~$ ls /home/test/one/two/three/four/five
ls: cannot access '/home/test/one/two/three/four/five': No such file or directory
sunbeam@sunbeam-niraj:~$ cd /home/test/one/two/three/four/five
bash: cd: /home/test/one/two/three/four/five: No such file or directory
sunbeam@sunbeam-niraj:~$ cd /test/one/two/three/four/five
bash: cd: /test/one/two/three/four/five: No such file or directory
sunbeam@sunbeam-niraj:~$ cd /test/one/two/three/four
bash: cd: /test/one/two/three/four: No such file or directory
sunbeam@sunbeam-niraj:~$ cd test/one/two/three/four/five
sunbeam@sunbeam-niraj:~/test/one/two/three/four/five$ cd ~
sunbeam@sunbeam-niraj:~$ ls test/one/two/three/four/five
555.txt 55.txt 5.txt
sunbeam@sunbeam-niraj:~$ cat > test/one/two/three/four/44.txt
Niraj Shaha
sunbeam@sunbeam-niraj:~$ cat test/one/two/three/four/44.txt
Niraj Shaha
sunbeam@sunbeam-niraj:~$ rm test/one/two/three/four/44.txt
sunbeam@sunbeam-niraj:~$ ls test/one/two/three/four
444.txt 4.txt five
sunbeam@sunbeam-niraj:~$ cd test/one
sunbeam@sunbeam-niraj:~/test/one$ rm two/three/four/five/*
sunbeam@sunbeam-niraj:~/test/one$ ls two/three/four/five
sunbeam@sunbeam-niraj:~/test/one$ rm -R two/three/four/five
sunbeam@sunbeam-niraj:~/test/one$ ls two/three/four/
444.txt 4.txt

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sunbeam@sunbeam-niraj:~/test/one$ ls two/three/four/
444.txt  4.txt
sunbeam@sunbeam-niraj:~/test/one$ rm -R two/three/four/
sunbeam@sunbeam-niraj:~/test/one$ ls two/three
333.txt  33.txt  3.txt
sunbeam@sunbeam-niraj:~/test/one$ cd ~
sunbeam@sunbeam-niraj:~$ cd test/one
sunbeam@sunbeam-niraj:~/test/one$ ls
111.txt  11.txt  1.txt  two
sunbeam@sunbeam-niraj:~/test/one$ touch -t 200112121941 1.txt
sunbeam@sunbeam-niraj:~/test/one$ ls -lt
total 4
drwxrwxr-x 3 sunbeam sunbeam 4096 Dec 23 16:10 two
-rw-rw-r-- 1 sunbeam sunbeam   0 Dec 23 16:08 111.txt
-rw-rw-r-- 1 sunbeam sunbeam   0 Dec 23 16:08 11.txt
-rw-rw-r-- 1 sunbeam sunbeam   0 Dec 12 2001 1.txt
sunbeam@sunbeam-niraj:~/test/one$
```