

```
student@iteradmin-Vostro-3268:~$ cd Desktop
student@iteradmin-Vostro-3268:~/Desktop$ mkdir DOS_2241019468
student@iteradmin-Vostro-3268:~/Desktop$ who
```

```
iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ mkdir Dosass1->dir1
iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ ls
s1.png  Dos2.png  Dos3.png  Dos4.png  Dosass1-  f2  file3
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ cd ..
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-$ mkdir dir2
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-$ ls
dir1  dir2
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-$ cd dir2
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir2$ pwd
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ rmdir Dosass1-/dir2
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ ls
Aq10.png  AQ2.png  AQ5.png  AQ7_1.png  AQ9.png  Dosass1-  file3
AQ11.png  AQ4.png  AQ6.png  AQ8.png  dir1     f2       Pictures
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ ls
dir1  Dosass1-  f2  file3  Pictures
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ cd Dosass1-
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-$ ls
dir1
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-$ cd dir1
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ cat >file1
Arman Singh
2241019468
CSE
4th Semester
016
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ cat >file2
SGPA
1st sem - 8.45
2nd sem - 8.45
3rd sem - 8.95
4th sem - 9.61
```

6

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ cat file1 file2>file3
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ cat file3
Arman Singh
2241019468
CSE
5th Semester
016
SGPA
1st sem - 8.45
2nd sem - 8.45
3rd sem - 8.95
4th sem - 9.61
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ mv file2 markinfo
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ cp file1 reginfo
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ cat reginfo
Arman Singh
2241019468
CSE
5th Semester
016
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ ls -i file3 markinfo reginfo
26876797 file3  26876793 markinfo  26876844 reginfo
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ rm file1
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ ls
file3  markinfo  reginfo
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ wc file1
5  7 44 file1
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ wc markinfo
5 17 65 markinfo
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ wc reginfo
5  7 44 reginfo
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ cat >Personalinfo
Arman Singh
2241019468
College Square, Cuttack
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ tac markinfo
4th sem - 9.61
3rd sem - 8.95
2nd sem - 8.45
1st sem - 8.45
SGPA
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ cmp reginfo Personalinfo
reginfo Personalinfo differ: byte 25, line 3
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019456/Dosass1-/dir1$ diff reginfo Personalinfo
5c3
CSE
5th Semester
016
-
Jamshedpur, Jharkhand
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ ls -l | wc -l
4
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ ls | grep -v "filelist"> filelist
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ cat filelist
file3
markinfo
Personalinfo
reginfo
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ chmod a+w reginfo
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ ls -l reginfo
-rw-rw-rw- 1 student student 44 Sep 16 12:30 reginfo
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ chmod g-w reginfo
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ ls -l reginfo
-rw-r--rw- 1 student student 44 Sep 16 12:30 reginfo
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ chmod 777 reginfo
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ ls -l reginfo
-rwxrwxrwx 1 student student 44 Sep 16 12:30 reginfo
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ echo *
file3 filelist markinfo Personalinfo reginfo
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ echo ***
file3 filelist markinfo Personalinfo reginfo
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ echo '***'
***
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ echo \***
***
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ echo \*\*\*
***
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-/dir1$ echo */*
*/*
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-./dir1$ echo Don't do this
>
> ^C
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-./dir1$ echo "Don't do this"
Don't do this
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-./dir1$ echo Hello # world
Hello
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-./dir1$ echo " Hello # world"
 Hello # world
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-./dir1$ echo ' Hello # world'
 Hello # world
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-./dir1$ echo date
date
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-./dir1$ echo 'date'
date
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-./dir1$ echo "date"
date
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-./dir1$ echo 'date'
date
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-./dir1$ echo date
date
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468/Dosass1-./dir1$ echo `date`
Saturday 21 September 2024 09:21:09 AM IST
```

```
student@iteradmin-Vostro-3268:~$ cd Desktop
student@iteradmin-Vostro-3268:~/Desktop$ mkdir DOS_2241019468
student@iteradmin-Vostro-3268:~/Desktop$ who
student      :0                2024-09-16 08:07 (:0)
student@iteradmin-Vostro-3268:~/Desktop$ whoami
student
student@iteradmin-Vostro-3268:~/Desktop$ date
Monday 16 September 2024 11:37:11 AM IST
student@iteradmin-Vostro-3268:~/Desktop$ cal
    September 2024
Su Mo Tu We Th Fr Sa
 1  2  3  4  5  6  7
 8  9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30

student@iteradmin-Vostro-3268:~/Desktop$ pwd
/home/student/Desktop
student@iteradmin-Vostro-3268:~/Desktop$ man
What manual page do you want?
For example, try 'man man'.
student@iteradmin-Vostro-3268:~/Desktop$ man man
student@iteradmin-Vostro-3268:~/Desktop$ cd DOS_2241019468
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ ls
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ mkdir Dos
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ ls
Dos
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ rmdir Dos
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ ls
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ cat >A
Arman Singh
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ cat A
Arman Singh
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ ls
file3
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ sort file3
Aditya Singh
Aman Singh
Amit Singh
Arman Singh
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ head -n 1 file3
Arman Singh
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ tail -n 1 file3
Aman Singh
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ cat >>f2
Cristiano Ronaldo
MS Dhoni
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ wc f2
  2   4 27 f2
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ ls
f2  file3
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ cmp f2 file3
f2 file3 differ: byte 1, line 1
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ diff f2 file3
1,2c1,4
< Cristiano Ronaldo
< MS Dhoni
---
> Arman Singh
> Amit Singh
> Aditya Singh
> Aman Singh
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ grep "Singh" file3
Arman Singh
Amit Singh
Aditya Singh
Aman Singh
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ cat A
Arman Singh
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ mv A B
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ ls
B
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ cat B
Arman Singh
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ touch file3
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ ls
B  file3
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ cp B file3
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ ls
B  file3
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ cat B
Arman Singh
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ cat file3
Arman Singh
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ rm B
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ ls
file3
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ cat >>file3
Amit Singh
Aditya Singh
Aman Singh
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ cat file3
Arman Singh
Amit Singh
Aditya Singh
Aman Singh
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ ls
file3
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ sort file3
Aditya Singh
Aman Singh
Amit Singh
```

```
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ grep "Singh" file3
Arman Singh
Amit Singh
Aditya Singh
Aman Singh
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ grep -v "ty" file3
Arman Singh
Amit Singh
Aman Singh
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ cat file3
Arman Singh
Amit Singh
Aditya Singh
Aman Singh
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ grep -i "An" file3
Arman Singh
Aman Singh
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ grep -h "An" file3
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ rep -l "an" file3

Command 'rep' not found, but can be installed with:

apt install rep
Please ask your administrator.

student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ grep -l "an" file3
file3
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ grep -n "an" file3
1:Arman Singh
4:Aman Singh
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$ echo "Hello"
Hello
student@iteradmin-Vostro-3268:~/Desktop/DOS_2241019468$
```

```
amit@DESKTOP-6BAPTFU:~/DOS_2241019461/DOSass1/dir1$ cat file1 file2 > file3
amit@DESKTOP-6BAPTFU:~/DOS_2241019461/DOSass1/dir1$ cat file3
name:Amit Singh
regdno:2241019461
branch:CSE
semester:5th
section:16
1st sem:9.13
2nd sem:9.79
3rd sem:9.71
4th sem:9.24
amit@DESKTOP-6BAPTFU:~/DOS_2241019461/DOSass1/dir1$ |
```