

## Assignment 1: Basic Commands in Unix Operating System

### Q1.

```
srikant01@DESKTOP-JRHPMAN:~$ mkdir DOS_2241016519
```

```
srikant01@DESKTOP-JRHPMAN:~$ ls
```

**DOS 2241016519**

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519$ mkdir DOSass1
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519$
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519$ cd DOSass1/
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ pwd
```

```
/home/srikant01/DOS_2241016519/DOSass1/dir1
```

### Q2.

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ cd ..
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1$
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1$ mkdir dir2
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1$ cd dir2
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir2$ pwd
```

```
/home/srikant01/DOS_2241016519/DOSass1/dir2
```

### Q3.

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1$ ls
```

```
dir1 dir2
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1$ rmdir dir2
```

## Assignment 1: Basic Commands in Unix Operating System

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1$ cd ..
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519$ pwd
```

```
/home/srikant01/DOS_2241016519
```

**Q4.**

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1$ cd dir1/
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ cat > file1
```

Name: Srikant Snehit Panda

Regd : 2241016519

Branch : CSE

Sem: 5th

Sec: 004

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ cat file1
```

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Branch : CSE

Sem: 5th

Sec: 004

## Assignment 1: Basic Commands in Unix Operating System

### Q5.

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ cat > file2
```

Sem 3: 8.10 SGPA

Sem 4: 9.30 SGPA

### Q6.

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ cat file1 file2 > file3
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ cat file3
```

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Regd 2241016519

Branch CSE

Sem: 5th Sec: 004

Sem 3: 8.10 SGPA

Sem 4: 9.30 SGPA

### Q7.

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ mv file2 markinfo
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ ls
```

file1 file3 markinfo

### Q8.

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ cp file1 reginfo
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ ls
```

file1 file3 markinfo reginfo

## Assignment 1: Basic Commands in Unix Operating System

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ cat reginfo
```

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Regd :2241016519

Branch: CSE

Sem:5th

Sec: 004

**Q9.**

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ ls -li file1 markinfo reginfo
```

```
29581 file1 29625 markinfo 29640 reginfo
```

**Q10.**

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ rm file1 srikant01@DESKTOP-
```

```
JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ ls
```

```
file3 markinfo reginfo
```

**Q11.**

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ wc markinfo
```

```
2 8 34 markinfo
```

**Q12.**

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ echo -e "Name: Srikant Snehit  
Panda\nRegdNo. 2241016519\nAddress: Bhubaneswar"> Personalinfo
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ cat Personalinfo
```

## Assignment 1: Basic Commands in Unix Operating System

Name: Srikant Snehit Panda

RegdNo. 2241016519

Address: Bhubaneswar

### Q13.

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ cat markinfo | sort -r
```

Sem 4: 9.30 SGPA

Sem 3: 8.10 SGPA

### Q14.

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ cmp reginfo Personalinfo reginfo
Personalinfo differ: byte 5, line 1
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ diff reginfo Personalinfo
```

```
1,5c1,3
```

```
<Name: Srikant Snehit Panda
```

```
< Regd: 2241016519
```

```
< Branch CSE
```

```
< Sem: 5th
```

```
< Sec : 004
```

```
-----
```

```
> Name: Srikant Snehit Panda
```

```
> RegdNo. 2241016519
```

```
> Address: Bhubaneswar
```

## Assignment 1: Basic Commands in Unix Operating System

### Q15.

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ pwd
```

```
/home/srikant01/DOS_2241016519/DOSass1/dir1
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ ls | wc -l
```

```
4
```

### Q16.

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ ls | grep -v filelist > filelist
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ ls
```

```
Personalinfo file3 filelist markinfo reginfo
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ cat filelist
```

```
Personalinfo
```

```
file3
```

```
markinfo
```

```
reginfo
```

### Q17.

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ ls -l reginfo
```

```
-rw-r--r-- 1 srikant01 srikant01 80 Sep 25 17:14 reginfo
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ chmod a+w reginfo
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ ls -l reginfo
```

```
-rw-rw-rw- 1 srikant01 srikant01 80 Sep 25 17:14 reginfo
```

## Assignment 1: Basic Commands in Unix Operating System

### Q18.

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ ls -l reginfo
```

```
-rw-rw-rw- 1 srikant01 srikant01 80 Sep 25 17:14 reginfo
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ chmod g-w reginfo
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ ls -l reginfo
```

```
-rw-r--rw- 1 srikant01 srikant01 80 Sep 25 17:14 reginfo
```

### Q19.

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ chmod 777 reginfo
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ ls -l reginfo
```

```
-rwxrwxrwx 1 srikant01 srikant01 80 Sep 25 17:14 reginfo
```

### Q20.

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ date; pwd > output1.txt
```

```
Wed Sep 25 18:06:45 IST 2024
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ diff output1.txt output2.txt
```

```
1c1
```

```
< /home/srikant01/DOS_2241016519/DOSass1/dir1
```

```
----
```

```
> 1
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ date; pwd | wc -> output2.txt
```

```
Wed Sep 25 18:06:58 IST 2024
```

```
srikant01@DESKTOP-JRHPMAN:~/DOS_2241016519/DOSass1/dir1$ diff output1.txt output2.txt
```

## Assignment 1: Basic Commands in Unix Operating System

1c1

< /home/srikant01/DOS\_2241016519/DOSass1/dir1

> 1

srikant01@DESKTOP-JRHPMAN:~/DOS\_2241016519/DOSass1/dir1\$ diff output2.txt output3.txt

1c1

< 1

> 2

srikant01@DESKTOP-JRHPMAN:~/DOS\_2241016519/DOSass1/dir1\$ (date; pwd) | wc -l output3.txt

srikant01@DESKTOP-JRHPMAN:~/DOS\_2241016519/DOSass1/dir1\$ diff output1.txt output3.txt

1c1

< /home/srikant01/DOS\_2241016519/DOSass1/dir1

> 2

### Q21.

srikant01@DESKTOP-JRHPMAN:~\$

srikant01@DESKTOP-JRHPMAN:~\$ echo \*

DOS\_2241016519

srikant01@DESKTOP-JRHPMAN:~\$ echo \*\*\*

DOS\_2241016519

srikant01@DESKTOP-JRHPMAN:~\$ echo '\*\*\*'

\*\*\*

srikant01@DESKTOP-JRHPMAN:~\$ echo \\*\*\*

\*\*\*



## Assignment 1: Basic Commands in Unix Operating System

```
srikant01@DESKTOP-JRHPMAN:~$ echo \*\**
```

```
***
```

```
srikant01@DESKTOP-JRHPMAN:~$ echo */*
```

```
DOS_2241016519/DOSass1
```

```
srikant01@DESKTOP-JRHPMAN:~$ echo Don't do this
```

```
Dont do this
```

```
srikant01@DESKTOP-JRHPMAN:~$ echo "Don't do this" "Dont do this"
```

```
srikant01@DESKTOP-JRHPMAN:~$ echo Hello # world
```

```
Hello
```

```
srikant01@DESKTOP-JRHPMAN:~$ echo " Hello # world"
```

```
"Hello
```

```
srikant01@DESKTOP-JRHPMAN:~$ echo Hello # world' Hello # world
```

```
srikant01@DESKTOP-JRHPMAN:~$ echo date
```

```
date
```

```
srikant01@DESKTOP-JRHPMAN:~$ echo 'date'
```

```
date
```

```
srikant01@DESKTOP-JRHPMAN:~$ echo "date"
```

```
"date"
```

```
srikant01@DESKTOP-JRHPMAN:~$ echo 'date'
```

```
Wed Sep 25 18:15:11 IST 2024
```