

1.

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ cat > fruits.txt
```

orange

apple

mango

pappaya

^C

2.

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ cat fruits.txt
```

orange

apple

mango

pappaya

3.

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ cat fruits.txt
```

orange

apple

mango

pappaya

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ sort fruits.txt | cat > sfruits.txt
```

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ cat sfruits.txt
```

apple

mango

orange

pappaya

4.

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ cat >> fruits.txt
```

pear

guava

^C

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ cat fruits.txt
```

orange

apple

mango

pappaya

pear

guava

5.

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ grep "pear" fruits.txt
```

pear

6.

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ head -4 sfruits.txt
```

apple

mango

orange

pappaya

7.

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ mv sfruits.txt ssfruits.txt
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ cat ssfruits.txt
apple
mango
orange
pappaya
```

8.

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ cp fruits.txt abc.txt
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ cat abc.txt
orange
apple
mango
pappaya
pear
guava
```

9.

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ cat > b1
bookno
101
106
^C
```

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ cat > b2
name
science
physics
^C
```

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ cat > b3
price
120
80
^C
```

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ cat > b4
author
mathew
antony
^C
```

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ paste b1 b2 b3 b4 | cat > book.txt
```

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ cat book.txt
```

```
bookno      name  price  author
101    science120    mathew
106    physics    80    antony
```

10.

```
mits@mits-H610M-H-V2-DDR4:~/gokul linux$ cut -f 1,3 book.txt
bookno      price
101        120
106         80
```

```

11.
echo "enter no of students"
read n
for ((i=1;i<=n;i++))
do
echo "enter student name"
read name
echo "enter internal mark of IPR"
read ipri
echo "enter external mark of IPR"
read ipre
echo "enter internal mark of ADBMS"
read adbmsi
echo "enter external mark of ADBMS"
read adbmse
echo "enter internal mark of OB"
read obi
echo "enter external mark of OB"
read obe
echo "enter internal mark of ACN"
read acni
echo "enter external mark of ACN"
read acne
iprt=$((ipri+ipre))
adbmst=$((adbmsi+adbmse))
obt=$((obi+obe))
acnt=$((acni+acne))
echo ""
echo "          Mark List          "
echo "          *****          "
echo ""
echo "Name:$name"
echo "RegNo:MUTMCA$i"
echo ""
echo "-----"
echo " Subject Name      Internal Mark      External Mark      Total Mark      "
echo " IPR              $ipri              $ipre              $iprt            "
echo " ADBMS            $adbmsi              $adbmse            $adbmst          "
echo " OB               $obi                $obe              $obt             "
echo " ACN              $acni                $acne              $acnt            "
done

```

```

mits@mits-H610M-H-V2-DDR4:~/gokul linux$ bash marklist.sh
enter no of students
1
enter student name
Gokul Raj C
enter internal mark of IPR
27
enter external mark of IPR
55

```

enter internal mark of ADBMS  
30  
enter external mark of ADBMS  
51  
enter internal mark of OB  
29  
enter external mark of OB  
50  
enter internal mark of ACN  
35  
enter external mark of ACN  
55

Mark List  
\*\*\*\*\*

Name:Gokul Raj C  
RegNo:MUTMCA1

---

Subject Name	Internal Mark	External Mark	Total Mark
IPR	27	55	82
ADBMS	30	51	81
OB	29	50	79
ACN	35	55	90