

```
//shell.sh
```

```
clear
while [ 1 ]
do
echo 1.Create 2.Display 3.Insert 4.Search 5.Modify 6.Delete 7.Exit
```

```
echo "Enter Choice : "
read ch
```

```
case $ch in
1)
echo "Enter File name : "
read fname
if [ -e $fname ]
then
echo "File already exists"
else
>>$fname
echo "File Create Successfully.."
fi
;;
```

```
2)
echo "Enter the file name"
read fname
if [ -e $fname ]
then
echo "The content of file "
sort -n $fname
else
echo "file not exists : "
fi
;;
```

```
3)
echo "Enter file name : "
read fname
if [ -e $fname ]
then
echo -n "Enter the roll no. : "
read roll
grep -w "$roll" $fname
ans=$?
echo answer=$ans
if [ $ans -eq 0 ]
then
echo "Record Already exists "
else
echo -n "Enter name : "
read name
echo "$roll $name" >> $fname
```

```
    echo "Recoed Inserted Successfully "
fi
else
    echo "File not found "
fi
;;
```

4)

```
echo -n "Enter the file name : "
read fname
if [ -e $fname ]
then
    echo -n "Enter the roll no : "
    read roll
    grep -w "$roll" $fname
    ans=$?
    if [ $ans -eq 0 ]
    then
        echo "Record found"
    else
        echo "Record not found"
    fi
else
    echo "File not found"
fi
;;
```

5)

```
echo -n "Enter the file name : "
read fname
if [ -e $fname ]
then
    echo -n "Enter the roll no : "
    read roll
    grep -w "$roll" $fname
    ans=$?
    if [ $ans -eq 0 ]
    then
        echo -n "Ente new roll number and new name : "
        read nroll nname
        grep -w "$nname" $fname
        ans=$?
        if [ $ans -eq 0 ]
        then
            echo "Record already exists please tru another roll no "
        else
            grep -v "roll" $fname >> temp
            echo "$nroll" $nname >> temp
            rm $fname
            cp temp $fname
            rm temp
            echo "Record successfully modified"
        fi
    fi
fi
```

```

else
    echo "Record not present"
fi
else
    echo "File not exists"
fi
;;

6)
echo -n "Enter the file name"
read fname
if [ -e $fname ]
then
    echo -n "Enter roll number"
    read roll
    grep -w "$roll" $fname
    ans=$?
    if [ $ans -eq 0 ]
    then
        grep -v "$roll" $fname >> temp
        rm $fname
        cp temp $fname
        rm temp
        echo "Recod successfully deleted"
    else
        echo "Record doesnot found"
    fi
else
    echo "File not found"
fi
;;
7)exit
;;
8) echo "Your choice is not correct "
;;
esac
done

```

//output

```

1.Create 2.Display 3.Insert 4.Search 5.Modify 6.Delete 7.Exit
Enter Choice :
1
Enter File name :
First.txt
File Create Successfully..
1.Create 2.Display 3.Insert 4.Search 5.Modify 6.Delete 7.Exit
Enter Choice :
3
Enter file name :
First.txt
Enter the roll no. : 1

```

answer=1
Enter name :ABC
Recoed Inserted Successfully
1.Create 2.Display 3.Insert 4.Search 5.Modify 6.Delete 7.Exit
Enter Choice :
3
Enter file name :
First.txt
Enter the roll no. : 2
answer=1
Enter name :XYZ
Recoed Inserted Successfully
1.Create 2.Display 3.Insert 4.Search 5.Modify 6.Delete 7.Exit
Enter Choice :
3
Enter file name :
First.txt
Enter the roll no. : 3
answer=1
Enter name :PQR
Recoed Inserted Successfully
1.Create 2.Display 3.Insert 4.Search 5.Modify 6.Delete 7.Exit
Enter Choice :
2
Enter the file name
First.txt
The content of file
1 ABC
2 XYZ
3 PQR
1.Create 2.Display 3.Insert 4.Search 5.Modify 6.Delete 7.Exit
Enter Choice :
4
Enter the file name : First.txt
Enter the roll no : 2
2 XYZ
Record found
1.Create 2.Display 3.Insert 4.Search 5.Modify 6.Delete 7.Exit
Enter Choice :
5
Enter the file name : First.txt
Enter the roll no : 3
3 PQR
Ente new roll number and new name : 4 LHK
Record successfullly modified
1.Create 2.Display 3.Insert 4.Search 5.Modify 6.Delete 7.Exit
Enter Choice :
2
Enter the file name
First.txt
The content of file
1 ABC
2 XYZ
4 LHK
1.Create 2.Display 3.Insert 4.Search 5.Modify 6.Delete 7.Exit

Enter Choice :

6

Enter the file nameFirst.txt

Enter roll number4

4 LHK

Recod successfullly deleted

1.Create 2.Display 3.Insert 4.Search 5.Modify 6.Delete 7.Exit

Enter Choice :

2

Enter the file name

First.txt

The content of file

1 ABC

2 XYZ

1.Create 2.Display 3.Insert 4.Search 5.Modify 6.Delete 7.Exit

Enter Choice :

7