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 Created Successfully"

fi

;;

2)

echo "Enter 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 the File Name : "

read fname

if [ -e $fname ]

then

echo "Enter Roll Number : "

read roll

grep -w "$roll" $fname

ans=$?

if [ $ans -eq 0 ]

then

echo "Record Already Exists"

else

echo -n "Enter Name : "

read name

echo $roll $name >> $fname

echo "Record Inserted Successfully"

fi

else

echo "File Do not Exists"

fi

;;

4)

echo -n "Enter the File Name : "

read fname

if [ -e $fname ]

then

echo -n "Enter the Roll Number : "

read roll

grep -w "$roll" $fname

ans=$?

if [ $ans -eq 0 ]

then

echo "Record Found"

else

echo "Record Not Found"

fi

else

echo "File Do Not Exists"

fi

;;

5)

echo -n "Enter the File Name : "

read fname

if [ -e $fname ]

then

echo -n "Enter the Roll Number : "

read roll

grep -w "$roll" $fname

ans=$?

if [ $ans -eq 0 ]

then

echo -n "Enter New Roll Number And Name : "

read nroll nname

grep -w "$nroll" $fname

ans=$?

if [ $ans -eq 0 ]

then

echo "Roll Number Already Exists Try New Number "

else

grep -v "$roll" $fname >> temp

echo "$nroll $nname" >> temp

rm $fname

cp temp $fname

rm temp

echo "Record Modifies Successfully"

fi

else

echo "Roll Number Do Not Exists : "

fi

else

echo "File Do Not Exists"

fi

;;

6)

echo -n "Enter the File Name : "

read fname

if [ -e $fname ]

then

echo -n "Enter the 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 "Record Deleted Successfully"

else

echo "Roll Number Do Not Exists"

fi

else

echo "File Do Not Exists"

fi

;;

7)

exit

;;

\*)

echo "Enter Correct Option"

;;

esac

done