#!/bin/bash

#sujay sanjay mahadik

#1

#shell basics

echo "Enter filename"

read data

temp=temp.db

if [ -f $data ]

then

echo "File already exits!!!!!"

else

Roll\_no='Roll\_no'

Name='Name'

Dept='Dept'

City='City'

printf '%-10s %-10s %-10s %-10s %-10s\n' $Roll\_no $Name $Dept $City >> $data

echo "......................................" >> $data

echo "File successfully created!!!"

fi

function insert()

{

echo "Enter Name:"

read name

echo "Enter Department:"

read dept

echo "Enter City:"

read city

printf '%-10s %-10s %-10s %-10s %-10s\n' $1 $name $dept $city >> $data

echo "Record has been Inserted..."

return

}

delete ()

{

grep -v -w $1 $data > $temp

echo "Record has been deleted..."

cat $temp > $data

return

}

modify()

{

grep -v -w $1 $data > $temp

echo "Enter the Name : "

read name

echo "Enter the Department : "

read dept

echo "Enter the City"

read city

printf '%-10s %-10s %-10s %-10s %-10s\n' $1 $name $dept $city >> $temp

echo "Record has been Modified..."

cat $temp > $data

return

}

for((;;))

do

echo "."

echo "."

echo "MENU"

echo "......................................"

echo "1.Insert new record"

echo "2.Display file"

echo "3.Delete record"

echo "4.Modify record"

echo "5.Exit"

echo "Enter your choice"

echo "."

echo "."

read ch

case $ch in

1)

while [ true ]

do

echo "."

echo "."

echo "Insert New Record"

echo "......................................"

echo "Enter Roll No. : "

read roll

if (grep -w $roll $data)

then

echo "Roll no already exists..."

else

insert $roll

break

fi

done

;;

2)

echo "Contents "

echo "......................................"

cat $data

echo "......................................"

;;

3)

echo "Delete Record"

echo "......................................"

echo "Enter roll no to be deleted"

read roll

if(grep -w $roll $data)

then

delete $roll

else

echo "No such Record..."

fi

;;

4)

echo "Modify Record"

echo "......................................"

echo "Enter Roll No to be modified : "

read roll

if (grep -w $roll $data)

then

modify $roll

else

echo "Roll\_no not present"

fi

;;

5)

echo "......................................"

echo "okay bye"

exit

;;

\*)

echo "Invalid Choice..."

;;

esac

done







