11 YASHRAJ DEEPAK DEVRAT

create()

{

echo "Enter name of address book to be created="

read fname

result=`ls | grep $fname | wc -w`

if [ $result -gt 0 ]

then

echo "File is present :: Enter another name "

else

echo "File is not present"

touch $fname

echo "File is created"

fi

}

display()

{

echo "Enter name of address book to be display="

read fname

result1=`ls | grep $fname | wc -w`

if [ $result1 -gt 0 ]

then

echo "File is present"

cat $fname

else

echo "ERROR :: File is not present in directory"

fi

}

insert()

{

echo "Enter name of address book for insert data="

read fname

result=`ls | grep $fname | wc -w`

if [ $result -gt 0 ]

then

echo "File is present"

echo "Enter roll number="

read rollno

rollresult=`cat $fname | grep $rollno | wc -w`

if [ $rollresult -gt 0 ]

then

echo "Roll number is present"

else

echo "Roll number is not present in file"

echo "Enter name="

read name

record=`echo $rollno $name`

echo $record >> $fname

echo "Record is successfully inserted"

fi

else

echo "ERROR :: File is not present in directory"

fi

}

delete()

{

echo "Enter name of address book for to perform deleting records="

read fname

result=`ls | grep $fname | wc -w`

if [ $result -gt 0 ]

then

echo "File is present"

echo "Enter roll number to be delete="

read rollno

rollresult=`cat $fname | grep $rollno | wc -w`

if [ $rollresult -gt 0 ]

then

echo "Roll number is present"

old=`cat $fname | grep $rollno`

echo "Old records= $old"

echo $old

sed -i s/"$old"//g $fname

sed -i /^$/d $fname

echo "Record is successfully deleted"

else

echo "Roll number is not present in file"

fi

else

echo "ERROR :: File is not present in directory"

fi

}

modify()

{

echo "Enter name of address book for to perform modification="

read fname

result=`ls | grep $fname | wc -w`

if [ $result -gt 0 ]

then

echo "File is present"

echo "Enter roll number which is to be modify="

read rollno

rollresult=`cat $fname | grep $rollno | wc -w`

if [ $rollresult -gt 0 ]

then

echo "Roll number is present"

old=`cat $fname | grep $rollno`

echo "Old records= $old"

echo $old

echo "Enter new name="

read newname

new=`echo $rollno $newname`

echo "New records = $new"

sed -i s/"$old"/"$new"/g $fname

echo "Record is successfully modified"

else

echo "Roll number is not present in file"

fi

else

echo "ERROR :: File is not present in directory"

fi

}

while [ true ]

do

echo "\*\*\*\*\*MENU\*\*\*\*\*"

echo "1) Create address book"

echo "2) Display address book"

echo "3) Insert a record"

echo "4) Delete a record"

echo "5) Modify the record"

echo "9) Exit"

echo "Enter your choice="

read choice

case $choice in

1) create ;;

2) display ;;

3) insert ;;

4) delete ;;

5) modify ;;

9) exit ;;

\*) echo "Invalid Choice"

esac

done

esac

done

OUTPUT









