while true

do

clear

echo "1. create database "

echo "2. view database "

echo "3. insert a record "

echo "4. delete record "

echo "5. modify a record "

echo "6. result of particular student "

echo "7. exit"

echo " enter ur choice "

read d

echo $d

case $d in

1)

echo " enter rollnumber of student "

read rn

echo " enter name of student "

read nm

echo " enter marks sanskrit "

read sk

echo " enter marks english "

read eg

echo " enter marks hindi "

read hn

record="$rn $nm $sk $eg $hn "

echo $record>stud

;;

2) echo " showing database of student"

cat stud ;;

3)

echo " enter rollnumber of student "

read rn

echo " enter name of student "

read nm

echo " enter marks sanskrit "

read sk

echo " enter marks english "

read eg

echo " enter marks hindi "

read hn

record="$rn $nm $sk $eg $hn "

echo $record>>stud

;;

4) echo " enter roll number "

read rn

grep ^"$rn " stud

if [ $? -ne 0 ]; then

echo "record for roll number does not exist "

else

grep -v ^"$rn " stud>tmp

cp tmp stud

echo "deletion complete "

fi

;;

5) echo " enter roll number "

read rn1

grep ^"$rn1 " stud

if [ $? -ne 0 ]; then

echo "record for roll number does not exist "

else

echo " enter roll number "

read rn

echo " enter name of student "

read nm

echo " enter marks sanskrit "

read sk

echo " enter marks english "

read eg

echo " enter marks hindi "

read hn

record="$rn $nm $sk $eg $hn "

var=`grep -n ^"$rn1 " stud | cut -d ":" -f 1`

#echo $var

var1=`expr $var - 1`

head -$var1 stud>temp

echo $record>>temp

var3=`wc -l < stud`

var2=`expr $var3 - $var `

tail -$var2 stud>>temp

cp temp stud

fi

;;

6) echo " enter roll number "

read rn

echo "printing result "

grep ^"$rn " stud

;;

7) clear

exit ;;

\*)clear

exit ;;

esac

echo "press a key to continue:"

read d

done

OUTPUT:

student@student-HP-Compaq-4000-Pro-SFF-PC:~$ bash cmd.sh

1. create database

2. view database

3. insert a record

4. delete record

5. modify a record

6. result of particular student

7. exit

enter ur choice

1

enter rollnumber of student

25

enter name of student

Abhi

enter marks sanskrit

96

enter marks english

89

enter marks hindi

88

press a key to continue:

enter ur choice

2

showing database of student

25 Abhi 96 89 88

press a key to continue:

enter ur choice

3

enter rollnumber of student

26

enter name of student

avi

enter marks sanskrit

88

enter marks english

92

enter marks hindi

76

press a key to continue:

enter ur choice

4

enter roll number

25

25 Abhi 96 89 88

deletion complete

press a key to continue:

enter ur choice

5

enter roll number

26

26 avi 88 92 76

enter roll number

27

enter name of student

anju

enter marks sanskrit

90

enter marks english

90

enter marks hindi

90

press a key to continue:

enter ur choice

6

enter roll number

27

printing result

27 anju 90 90 90

press a key to continue:

7