NAME : KISHAN GONDLAIYA

ROLL NO : 21BCE511

DIV : "B"

PRACTICAL-5

Write a shell script for performing basic functions related to DBMS.

```
clear
ch=0
while [ $ch -lt 10 ]
do
echo "enter your choice"
echo "1:Insert values:"
echo "2:Display values:"
echo "3:Search the record:"
echo "4:Sort the record:"
echo "5:Delete the record:"
echo "6:Update the record:"
echo "7:exit:"
read ch

case $ch in
1)echo "Enter the rollno:"
read rno
echo "Enter the name:"
read name
echo "Enter the branch"
read branch


if [ `grep -c $rno database.db` == '0' ]
then
echo "$rno $name $branch" >>database.db
else
echo "data already exists"
fi

;;
2)cat database.db
;;
3)echo "enter the roll no for that you want to search data"
read rollno
s=`grep -c -i $rollno database.db`;
if((s>=1))
then
echo "record found"
else
echo "record not found"
fi
```

```
;;
4)
echo "Enter the num between 1 to 3:"
read n
sort -k $rno database.db

;;
5)
echo "Enter the roll no:"
read rno
grep -v $rno database.db>temp.txt
mv temp.txt database.db

;;
6)
echo "enter the rollno for that you want to update the record:"
read rno
grep -v $rno database.db>temp.txt
mv temp.txt database.db
echo "Enter the rollno:"
read rollno
echo "Enter the name:"
read name
echo "Enter the branch"
read branch

echo "$rollno $name $branch" >>database.db

;;
7)exit 0

;;
esac
done
```

```
2:Display values:
3:Search the record:
4:Sort the record:
5:Delete the record:
6:Update the record:
7:exit:
2
21BCe511        kishan gondaliya        cse
enter your choice
1:Insert  values:
2:Display values:
3:Search the record:
4:Sort the record:
5:Delete the record:
6:Update the record:
7:exit:
3
enter the roll no for that you want to search data
123
record not found
enter your choice
1:Insert  values:
2:Display values:
3:Search the record:
4:Sort the record:
5:Delete the record:
6:Update the record:
7:exit:
```

```
enter the roll no for that you want to search data
123
record not found
enter your choice
1:Insert  values:
2:Display values:
3:Search the record:
4:Sort the record:
5:Delete the record:
6:Update the record:
7:exit:
6
enter the rollno for that you want to update the record:
21Bce
Enter the rollno:
21BCE511
Enter the name:
Kishan Gondaliya
Enter the branch
CSE
enter your choice
1:Insert  values:
2:Display values:
3:Search the record:
4:Sort the record:
5:Delete the record:
6:Update the record:
7:exit:
```