

```

#!/bin/bash
while true
do
    echo " \n 1.Insert record\n 2.Display record\n 3.Search record\n 4.Delete record\n
5.Modify record\n "
    echo "Enter your choice: "
    read ch
    case $ch in
    1) echo "Enter employee no: "
        read eno
        echo "Enter employee name: "
        read ename
        echo "Enter employee phone number: "
        read eph
        echo "Enter employee city: "
        read ecity
        echo "$eno \t $ename \t $eph \t\t $ecity \t " >> emp1.txt
        ;;
    2) cat emp1.txt
        ;;
    3) echo "Enter employee name to be searched: "
        read ename
        grep $ename emp1.txt
        ;;
    4) echo "Enter employee name to delete: "
        read ename
        grep -v $ename emp1.txt >> temp.txt
        rm emp1.txt
        mv temp.txt emp1.txt
        ;;
    5) echo "Enter employee name to modify: "
        read ename
        echo "Enter new name: "
        read name
        sed -i s/$ename/$name/g emp1.txt
        ;;
    6) exit
        ;;
    *)
esac
done

```

OUTPUT:

saba00@ubuntu:~/Downloads\$ sh addressbook.sh

- 1.Insert record
- 2.Display record
- 3.Search record
- 4.Delete record
- 5.Modify record

Enter your choice:

1

Enter employee no:

101

Enter employee name:

Saba Attar

Enter employee phone number:

7447521548

Enter employee city:

Pune

- 1.Insert record
- 2.Display record
- 3.Search record
- 4.Delete record
- 5.Modify record

Enter your choice:

1

Enter employee no:

150

Enter employee name:

Sonali Angre

Enter employee phone number:

7875792541

Enter employee city:

Mumbai

- 1.Insert record
- 2.Display record
- 3.Search record
- 4.Delete record
- 5.Modify record

Enter your choice:

1

Enter employee no:

250

Enter employee name:

Shubham Godambe

Enter employee phone number:

9856231457

Enter employee city:

Shirdi

1.Insert record

2.Display record

3.Search record

4.Delete record

5.Modify record

Enter your choice:

2

101	Saba Attar	7447521548	Pune
150	Sonali Angre	7875792541	Mumbai
250	Shubham Godambe	9856231457	Shirdi

1.Insert record

2.Display record

3.Search record

4.Delete record

5.Modify record

Enter your choice:

3

Enter employee name to be searched:

Saba

101	Saba Attar	7447521548	Pune
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1.Insert record

2.Display record

3.Search record

4.Delete record

5.Modify record

Enter your choice:

4

Enter employee name to delete:

Sonali

1.Insert record

- 2.Display record
- 3.Search record
- 4.Delete record
- 5.Modify record

Enter your choice:

2

101	Saba Attar	7447521548	Pune
250	Shubham Godambe	9856231457	Shirdi

- 1.Insert record
- 2.Display record
- 3.Search record
- 4.Delete record
- 5.Modify record

Enter your choice:

5

Enter employee name to modify:

Shubham

Enter new name:

Suraj

- 1.Insert record
- 2.Display record
- 3.Search record
- 4.Delete record
- 5.Modify record

Enter your choice:

2

101	Saba Attar	7447521548	Pune
250	Suraj Godambe	9856231457	Shirdi

- 1.Insert record
- 2.Display record
- 3.Search record
- 4.Delete record
- 5.Modify record

Enter your choice:

6

saba00@ubuntu:~/Downloads\$