

Name: Om Jadhav  
Roll No: I3275  
Batch: T8

### Assignment No 1

CODE:

```
echo "Enter Address Book Name: "  
read fname  
touch $fname  
echo -e "Address Book created \n"  
echo -e "Name: \t Id \t DOB\t\tAddress\t Mob_No\t\t Salary">>$fname  
ch=0  
while [ $ch -lt '7' ]  
do  
echo -e "Address Book :\n"  
echo -e "1. Create Address Book "  
echo -e "2. View Address Book"  
echo -e "3. Insert a Record"  
echo -e "4. Delete a Record"  
echo -e "5. Modify a Record"  
echo -e "6. Search a Record"  
echo -e "7. Exit from Address Book"  
echo -e "Enter your choice"  
read ch  
case $ch in  
1)echo -e "Enter Number of records you want to enter \t"  
read n  
for((i=0; i<$n; i++))  
do  
echo -e "Enter name of Employee\t"  
read ename  
echo -e "Enter id of Employee\t"  
read eid  
echo -e "Enter DOB of Employee\t"  
read edob  
echo -e "Enter Address of Employee\t"  
read eadd  
echo -e "Enter Mobile No of Employee\t"  
read emob  
echo -e "Enter salary of Employee\t"  
read esal  
echo -e " $ename \t $eid \t $edob \t $eadd \t $emob \t $esal \n">>$fname  
done  
;;  
2)  
cat $fname  
;;  
3)  
echo -e "Enter new Record"
```

```

echo -e "Enter name of Employee\t"
read ename
echo -e "Enter id of Employee\t"
read eid
echo -e "Enter DOB of Employee\t"
read edob
echo -e "Enter Address of Employee\t"
read eadd
echo -e "Enter Mobile No of Employee\t"
read emob
echo -e "Enter salary of Employee\t"
read esal
echo -e " $ename \t $eid \t $edob \t $eadd \t $emob \t $esal \n">>$fname
;;
4)
echo -e "Enter Employee ID to be deleted "
read eid
if grep -w $eid $fname
then
    grep -wv $eid $fname >>temp
    rm $fname
    mv temp $fname
    echo "Record Deleted"
else
    echo "Record does not exist"
fi
;;
5)
echo "Enter Employee ID to be Modify"
read eid
if grep -w $eid $fname
then
    grep -wv $eid $fname >> temp
    rm $fname
    mv temp $fname
    echo -e "Enter modified record"
    echo -e "Enter name of Employee\t"
    read ename
    echo -e "Enter id of Employee\t"
    read eid
    echo -e "Enter DOB of Employee\t"
    read edob
    echo -e "Enter Address of Employee\t"
    read eadd
    echo -e "Enter Mobile No of Employee\t"
    read emob
    echo -e "Enter salary of Employee\t"
    read esal
    echo -e " $ename \t $eid \t $edob \t $eadd \t $emob \t $esal \n">>$fname
else
    echo "Record does not Exist"
fi

```

```

;;
6)
echo -e "Enter Employee to be searched "
read eid
if grep $eid $fname
then
    grep -w $eid $fname
    echo "Record Found "
else
    echo "Record does no Exists"
fi
;;
esac
done

```

OUTPUT:

```

student@student-HP-dx2080-MT-KN675PA: ~/Desktop
student@student-HP-dx2080-MT-KN675PA:~$ cd Desktop
student@student-HP-dx2080-MT-KN675PA:~/Desktop$ bash switchcase.sh
Enter Address Book Name:
Attendance
Address Book created
Address Book :
1. Create Address Book
2. View Address Book
3. Insert a Record
4. Delete a Record
5. Modify a Record
6. Search a Record
7. Exit from Address Book
Enter your choice
1
Enter Number of records you want to enter
2
Enter name of Employee
Om
Enter id of Employee
101
Enter DOB of Employee
12-08-2003
Enter Address of Employee
Pune
Enter Mobile No of Employee
9675634664
Enter salary of Employee
50000
Enter name of Employee
Amit
Enter id of Employee
102
Enter DOB of Employee
21-07-2002
Enter Address of Employee
Pune
Enter Mobile No of Employee

```

```
student@student-HP-dx2080-MT-KN675PA: ~/Desktop
Pune
Enter Mobile No of Employee
5645342345
Enter salary of Employee
45000
Address Book :
1. Create Address Book
2. View Address Book
3. Insert a Record
4. Delete a Record
5. Modify a Record
6. Search a Record
7. Exit from Address Book
Enter your choice
2
Name: Id DOB Address Mob_No Salary
Om 101 12-08-2003 Pune 9675634664 50000
Amit 102 21-07-2002 Pune 5645342345 45000
Address Book :
1. Create Address Book
2. View Address Book
3. Insert a Record
4. Delete a Record
5. Modify a Record
6. Search a Record
7. Exit from Address Book
Enter your choice
3
Enter new Record
Enter name of Employee
Rohit
Enter id of Employee
103
Enter DOB of Employee
23-04-2002
Enter Address of Employee
Mumbai
```

```
student@student-HP-dx2080-MT-KN675PA: ~/Desktop
Enter name of Employee
Rohit
Enter id of Employee
103
Enter DOB of Employee
23-04-2002
Enter Address of Employee
Mumbai
Enter Mobile No of Employee
4567898765
Enter salary of Employee
55000
Address Book :
1. Create Address Book
2. View Address Book
3. Insert a Record
4. Delete a Record
5. Modify a Record
6. Search a Record
7. Exit from Address Book
Enter your choice
2
Name: Id DOB Address Mob_No Salary
Om 101 12-08-2003 Pune 9675634664 50000
Amit 102 21-07-2002 Pune 5645342345 45000
Rohit 103 23-04-2002 Mumbai 4567898765 55000
Address Book :
1. Create Address Book
2. View Address Book
3. Insert a Record
4. Delete a Record
5. Modify a Record
6. Search a Record
7. Exit from Address Book
Enter your choice
```

```
student@student-HP-dx2080-MT-KN675PA: ~/Desktop
2
Name: Id DOB Address Mob_No Salary
Om 101 12-08-2003 Pune 9675634664 50000
Amit 102 21-07-2002 Pune 5645342345 45000
Rohit 103 23-04-2002 Mumbai 4567898765 55000
Address Book :
1. Create Address Book
2. View Address Book
3. Insert a Record
4. Delete a Record
5. Modify a Record
6. Search a Record
7. Exit from Address Book
Enter your choice
4
Enter Employee ID to be deleted
103
Rohit 103 23-04-2002 Mumbai 4567898765 55000
Record Deleted
Address Book :
1. Create Address Book
2. View Address Book
3. Insert a Record
4. Delete a Record
5. Modify a Record
6. Search a Record
7. Exit from Address Book
Enter your choice
2
Name: Id DOB Address Mob_No Salary
Om 101 12-08-2003 Pune 9675634664 50000
Amit 102 21-07-2002 Pune 5645342345 45000
Address Book :
```

```
student@student-HP-dx2080-MT-KN675PA: ~/Desktop
4. Delete a Record
5. Modify a Record
6. Search a Record
7. Exit from Address Book
Enter your choice
5
Enter Employee ID to be Modify
101
Om 101 12-08-2003 Pune 9675634664 50000
Enter modified record
Enter name of Employee
Om
Enter id of Employee
101
Enter DOB of Employee
12-08-2003
Enter Address of Employee
Mumbai
Enter Mobile No of Employee
3434345676
Enter salary of Employee
98000
Address Book :
1. Create Address Book
2. View Address Book
3. Insert a Record
4. Delete a Record
5. Modify a Record
6. Search a Record
7. Exit from Address Book
Enter your choice
2
Name: Id DOB Address Mob_No Salary
Amit 102 21-07-2002 Pune 5645342345 45000
Om 101 12-08-2003 Mumbai 3434345676 98000
Address Book :
```

```
student@student-HP-dx2080-MT-KN675PA: ~/Desktop
3. Insert a Record
4. Delete a Record
5. Modify a Record
6. Search a Record
7. Exit from Address Book
Enter your choice
2
Name:  Id      DOB      Address  Mob_No      Salary
-----
Amit   102      21-07-2002  Pune     5645342345  45000
Om     101      12-08-2003  Mumbai   3434345676  98000
Address Book :
1. Create Address Book
2. View Address Book
3. Insert a Record
4. Delete a Record
5. Modify a Record
6. Search a Record
7. Exit from Address Book
Enter your choice
6
Enter Employee to be searched
102
Amit   102      21-07-2002  Pune     5645342345  45000
Amit   102      21-07-2002  Pune     5645342345  45000
Record Found
Address Book :
1. Create Address Book
2. View Address Book
3. Insert a Record
4. Delete a Record
5. Modify a Record
6. Search a Record
7. Exit from Address Book
Enter your choice
```