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Roll No. : 34

Classs : TE (IT)

Practical : 1

Statement : [Write a program to implement an address book with options given below: a) Create address book. b) View address book. c) Insert a record. d) Delete a record. e) Modify a record. f) Exi](https://drive.google.com/drive/folders/1aejr5ZpurmaDGCWhlHgV57ySlj2W2DqQ?usp=sharing)t

echo -e "Address Book\n"

echo -e "File name:"

read fname

touch $fname

echo -e "id \t name \t mobile\_no \t salary \t location \t" >> $fname

ch=0

while [ $ch -lt 7 ]

do

echo -e "1) Create Address Book\n"

echo -e "2) View Address Book\n"

echo -e "3) Insert a Record\n"

echo -e "4) Delete a Record\n"

echo -e "5) Modify a Record\n"

echo -e "6) Search a Record\n"

echo -e "7) Exit"

echo "Enter Your Choice:"

read ch

case $ch in

1)

echo "Enter number of records:"

read n

for((i=0;i<$n;i++))

do

echo "Enter id:"

read id

echo "Enter name:"

read name

echo "Enter mobile number:"

read mno

echo "Enter salary:"

read sal

echo "Enter location:"

read loc

echo -e "$id \t $name \t $mno \t $sal \t $loc" >> $fname

done

;;

2)

cat $fname

;;

3)

echo "Enter id:"

read id

echo "Enter name:"

read name

echo "Enter mobile number:"

read mno

echo "Enter salary:"

read sal

echo "Enter location:"

read loc

echo -e "$id \t $name \t $mno \t $sal \t $loc " >> $fname

;;

4)

echo "Enter Employee ID to delete:"

read id

if grep -w $id $fname

then

grep -wv $id $fname >>temp

rm $fname

mv temp $fname

else

echo "record not found"

fi

;;

5)

echo "Enter Employee ID to modify:"

read id

if grep -w $id $fname

then

grep -wv $id $fname >>temp

rm $fname

mv temp $fname

echo "Enter e\_id:"

read id

echo "Enter name:"

read name

echo "Enter mobile number:"

read mno

echo "Enter salary:"

read sal

echo "Enter location:"

read loc

echo -e "$id \t $name \t $mno \t $sal \t $loc " >> $fname

else

echo "record not found"

fi

;;

6)

echo "Enter Employee id to search:"

read id

if grep -w $id $fname

then

echo "Record found"

else

echo "record not found"

fi

;;

\*)

esac

done

Output :-

[Saru1594@localhost 1]$ sh Employee.sh

Address Book

File name:

Employee

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

Enter Your Choice:

1

Enter number of records:

5

Enter id:

101

Enter name:

Sarthak

Enter mobile number:

7666264200

Enter salary:

100000

Enter location:

Warje

Enter id:

102

Enter name:

Ashutosh

Enter mobile number:

9928073301

Enter salary:

60000

Enter location:

Shivner

Enter id:

103

Enter name:

Geetesh

Enter mobile number:

8627120019

Enter salary:

70000

Enter location:

Pashan

Enter id:

104

Enter name:

Aradhya

Enter mobile number:

9380674819

Enter salary:

30000

Enter location:

Hadapsar

Enter id:

105

Enter name:

Prasad

Enter mobile number:

8263445291

Enter salary:

80000

Enter location:

Karve

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

Enter Your Choice:

2

id name mobile\_no salary location

101 Sarthak 7666264200 100000 Warje

102 Ashutosh 9928073301 60000 Shivner

103 Geetesh 8627120019 70000 Pashan

104 Aradhya 9380674819 30000 Hadapsar

105 Prasad 8263445291 80000 Karve

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

Enter Your Choice:

3

Enter id:

106

Enter name:

Raju

Enter mobile number:

3241090807

Enter salary:

10000

Enter location:

Nanded

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

Enter Your Choice:

2

id name mobile\_no salary location

101 Sarthak 7666264200 100000 Warje

102 Ashutosh 9928073301 60000 Shivner

103 Geetesh 8627120019 70000 Pashan

104 Aradhya 9380674819 30000 Hadapsar

105 Prasad 8263445291 80000 Karve

106 Raju 3241090807 10000 Nanded

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

Enter Your Choice:

4

Enter Employee ID to delete:

106

106 Raju 3241090807 10000 Nanded

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

Enter Your Choice:

2

id name mobile\_no salary location

101 Sarthak 7666264200 100000 Warje

102 Ashutosh 9928073301 60000 Shivner

103 Geetesh 8627120019 70000 Pashan

104 Aradhya 9380674819 30000 Hadapsar

105 Prasad 8263445291 80000 Karve

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

Enter Your Choice:

5

Enter Employee ID to modify:

105

105 Prasad 8263445291 80000 Karve

Enter e\_id:

105

Enter name:

Pravin

Enter mobile number:

8263445291

Enter salary:

20000

Enter location:

Karve

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

Enter Your Choice:

2

id name mobile\_no salary location

101 Sarthak 7666264200 100000 Warje

102 Ashutosh 9928073301 60000 Shivner

103 Geetesh 8627120019 70000 Pashan

104 Aradhya 9380674819 30000 Hadapsar

105 Pravin 8263445291 20000 Karve

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

Enter Your Choice:

6

Enter Employee id to search:

104

104 Aradhya 9380674819 30000 Hadapsar

Record found

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

Enter Your Choice:

7

Output in Employee File :-

id name mobile\_no salary location

101 Sarthak 7666264200 100000 Warje

102 Ashutosh 9928073301 60000 Shivner

103 Geetesh 8627120019 70000 Pashan

104 Aradhya 9380674819 30000 Hadapsar

105 Pravin 8263445291 20000 Karve