Phonebook project report

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Group: 1

Section: 29

Description of the program:

This program describes a sample of a phone directory which can be used in telephones or mobile s .This sample make the user able to show all the contacts, add a contact, search for a contact, delete a contact, modify a contact and save contacts in an external file.

User manual:

*Press "1" to show contacts

*Press "2" to add contacts

*Press "3" to search for a contact

*Press "4" to delete a contact

*Press "5" modify a contact

*Press "6" to save contacts in an external file

*Press "7" to close the program

Program samples:

#Sample of showing contacts

```
                          Telephone Directory
                          ==========================
Please choose an option:
------------------------
(1)Show contacts
(2)Add contact
(3)Search for a contact
(4)Delete contact
(5)Modify contact
(6)Save
(7)Exit

Your choice: 1

Last name: ahmed
First name: mohamed
Address: 32 mostafa el wara2 street
City: alexandria
Number: 4266666
------------------------------
Last name: michael
First name: john
Address: 10 el shahid daniel street
City: alexandria
Number: 4255555
------------------------------
Last name: ahmed
First name: mina
Address: 25 el tahrir square
City: cairo
Number: 01006666666
------------------------------
Last name: mohamed
First name: monica
Address: 43 el batnia
City: giza
Number: 01116666666
------------------------------
Last name: gasser
First name: michael
Address: 10 el wezara
City: alexandria
Number: 5847619
------------------------------

Your choice: _
```

#Adding a contact

```
                        Telephone Directory
                        =========================
Please choose an option:
------------------------
(1)Show contacts
(2)Add contact
(3)Search for a contact
(4)Delete contact
(5)Modify contact
(6)Save
(7)Exit

Your choice: 2

Please enter the first name: ahmed

Please enter the last name: mohamed

Please enter the address: loran

Please enter the city: alexandria

Please enter the phone number: 01011122333


Your choice:
```

#Searching for a contact

```
                        Telephone Directory
                        =========================
Please choose an option:
------------------------
(1)Show contacts
(2)Add contact
(3)Search for a contact
(4)Delete contact
(5)Modify contact
(6)Save
(7)Exit

Your choice: 3

Please enter the person's last name: michael

--------------------------------
Last name: michael
First name: john
Address: 10 el shahid daniel street
City: alexandria
Number: 4255555
--------------------------------

Your choice:
```

#Deleting a contact

```
                        Telephone Directory
                        =========================
Please choose an option:
------------------------
(1)Show contacts
(2)Add contact
(3)Search for a contact
(4)Delete contact
(5)Modify contact
(6)Save
(7)Exit

Your choice: 4

Please enter the person's first name:ahmed

Please enter the person's last name:mohamed

Contact is deleted.

Your choice: _
```

#Modifying a contact

```
                        Telephone Directory
                        =========================
Please choose an option:
------------------------
(1)Show contacts
(2)Add contact
(3)Search for a contact
(4)Delete contact
(5)Modify contact
(6)Save
(7)Exit

Your choice: 5

Please enter the person's last name:mohamed

Please enter the first name: moustafa

Please enter the last name: moemen

Please enter the address: bolkly

Please enter the city: alexandria

Please enter the phone number: 07775000

Contact modified.

Your choice:
```

#Saving in external file

```
                          Telephone Directory
                          =========================
Please choose an option:
-------------------------
<1>Show contacts
<2>Add contact
<3>Search for a contact
<4>Delete contact
<5>Modify contact
<6>Save
<7>Exit

Your choice: 6

Contacts saved in the external file.

Your choice:
```

#Closing the program

```
                          Telephone Directory
                          =========================
Please choose an option:
-------------------------
<1>Show contacts
<2>Add contact
<3>Search for a contact
<4>Delete contact
<5>Modify contact
<6>Save
<7>Exit

Your choice: 7

Process returned 0 (0x0)   execution time : 1.856 s
Press any key to continue.
```

Note:

We boths worked together on each function in the program.