

The Phone Book

The Phone Book

User Guide

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ID: 3003

Swindon and
North Wiltshire
2004/05

includes
a Classified
directory

BT Direct
enquiries

118

Introduction:

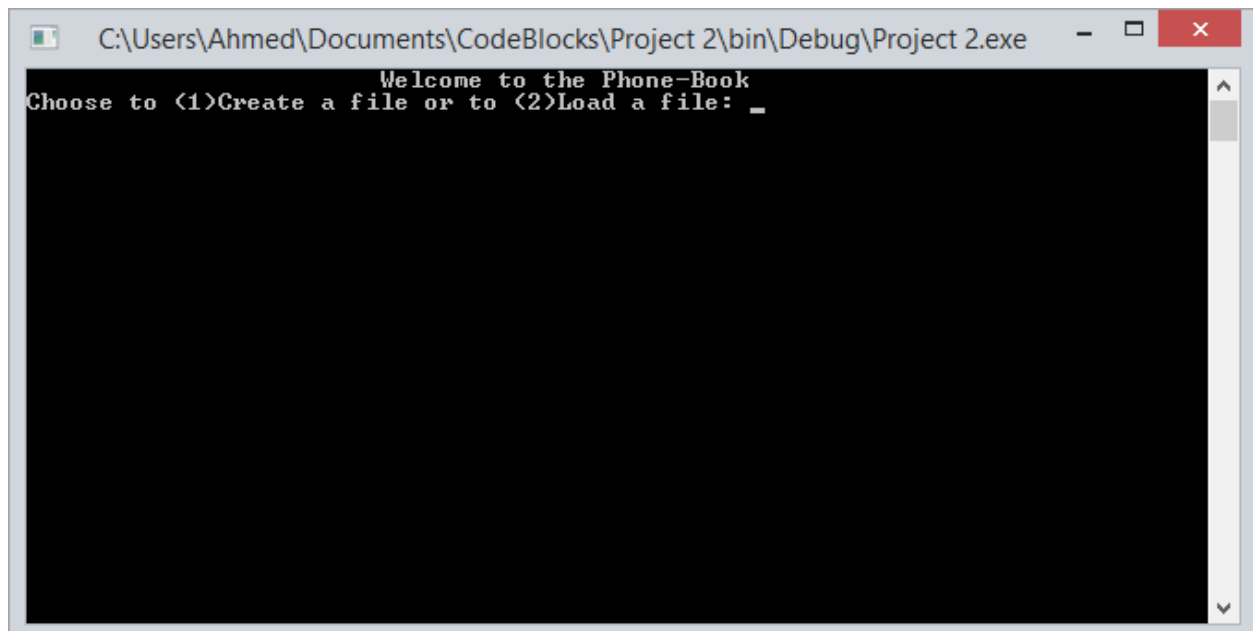
This program is simple UI Phonebook where you can save contacts to a text document.

While running the program you can load files and display its contacts in that file, also you can add more contacts as well as you can modify or edit one of them or even delete a contact and you can search (query) for a specific contact rather than looking to all the contacts.

After finishing your operation on a file you can save your progress to the same file or to a new one by typing its name and type. Then you can safely quit.

Startup:

When you start the program that is the first view will appear:

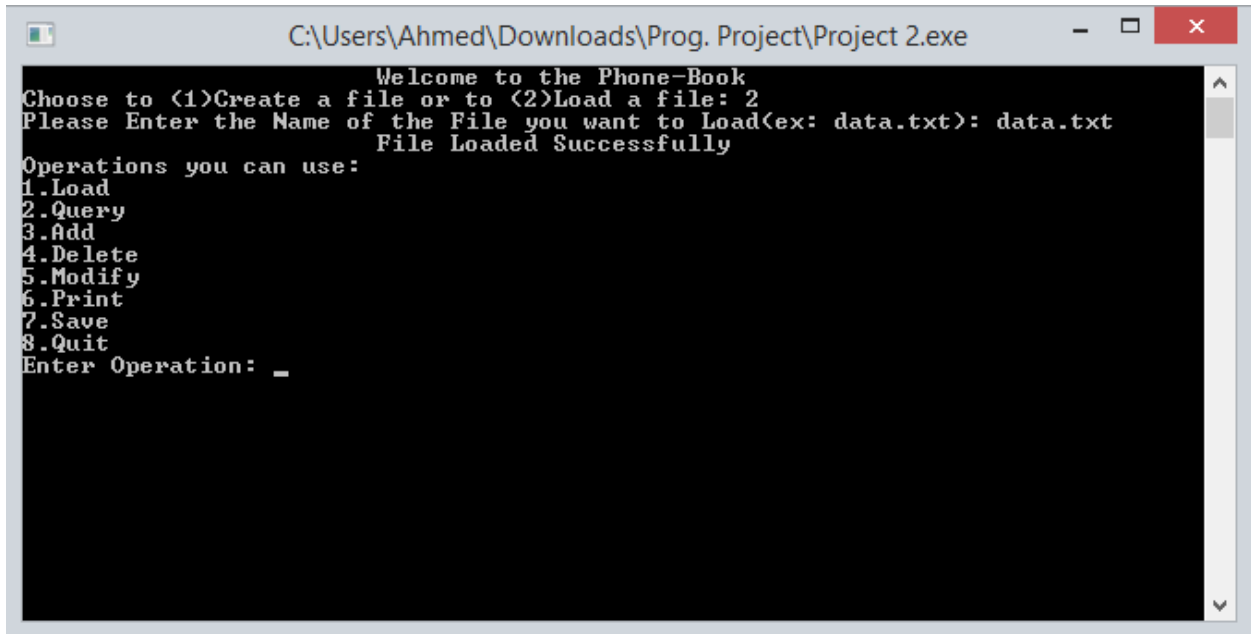


You can choose to load a file that you already have or create a new one.

If you want to load a file first of all you need to check that the file is in the same folder with the program then type load or type the number of the operation (2).

Operations:

After you Load or create a file a list of operation you can use will appear



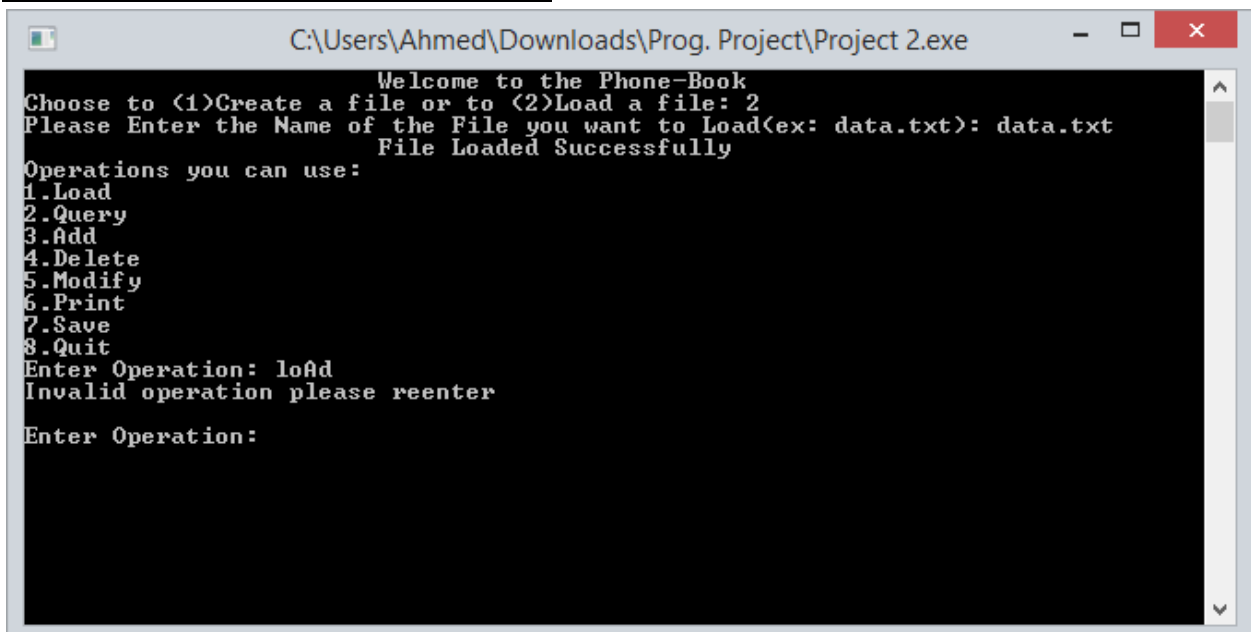
```

C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
Welcome to the Phone-Book
Choose to <1>Create a file or to <2>Load a file: 2
Please Enter the Name of the File you want to Load(ex: data.txt): data.txt
File Loaded Successfully
Operations you can use:
1.Load
2.Query
3.Add
4.Delete
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: _

```

Choose the operation you want to use by typing the operation name or number. (name can begin with capital letter or small letter but can't have a capital letter in the middle of the name or an error will appear).

Example for an operation error:



```

C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
Welcome to the Phone-Book
Choose to <1>Create a file or to <2>Load a file: 2
Please Enter the Name of the File you want to Load(ex: data.txt): data.txt
File Loaded Successfully
Operations you can use:
1.Load
2.Query
3.Add
4.Delete
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: loAd
Invalid operation please reenter
Enter Operation:

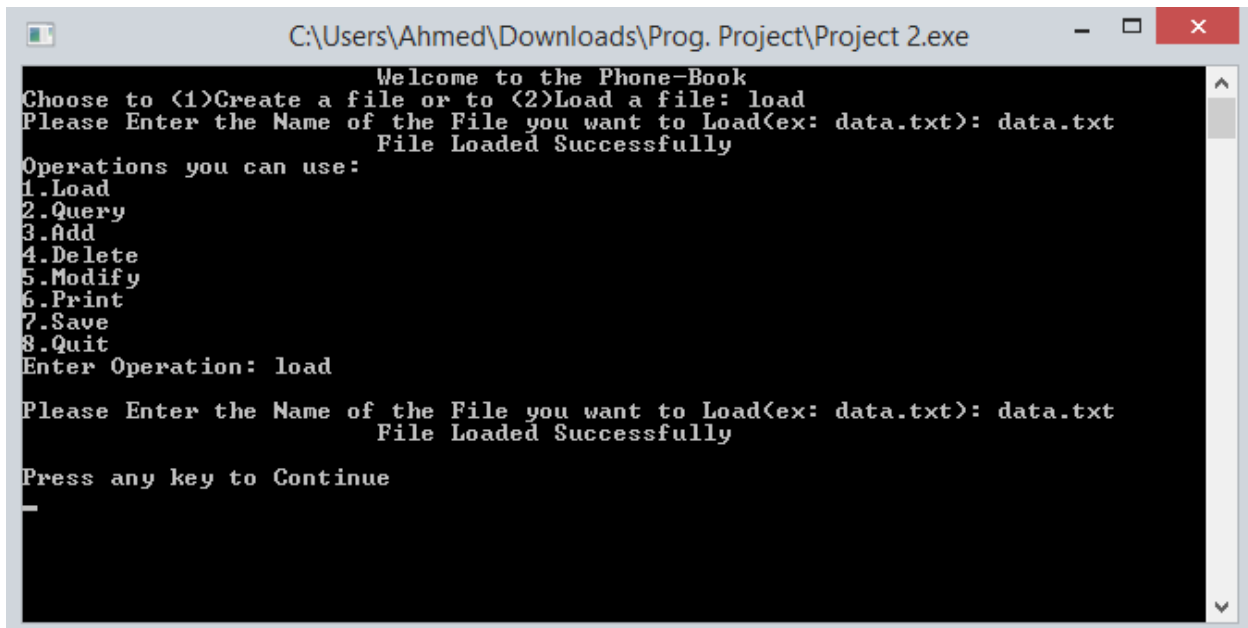
```

1. Load:

To choose this operation type 1, load or Load.

Before you choose it make sure that you saved your previous data because it close the old file and open the new one.

When using this operation you only type the name of an existed file and it will be loaded. **If the file doesn't exist the program will give an error and re asks for the name of the file.**

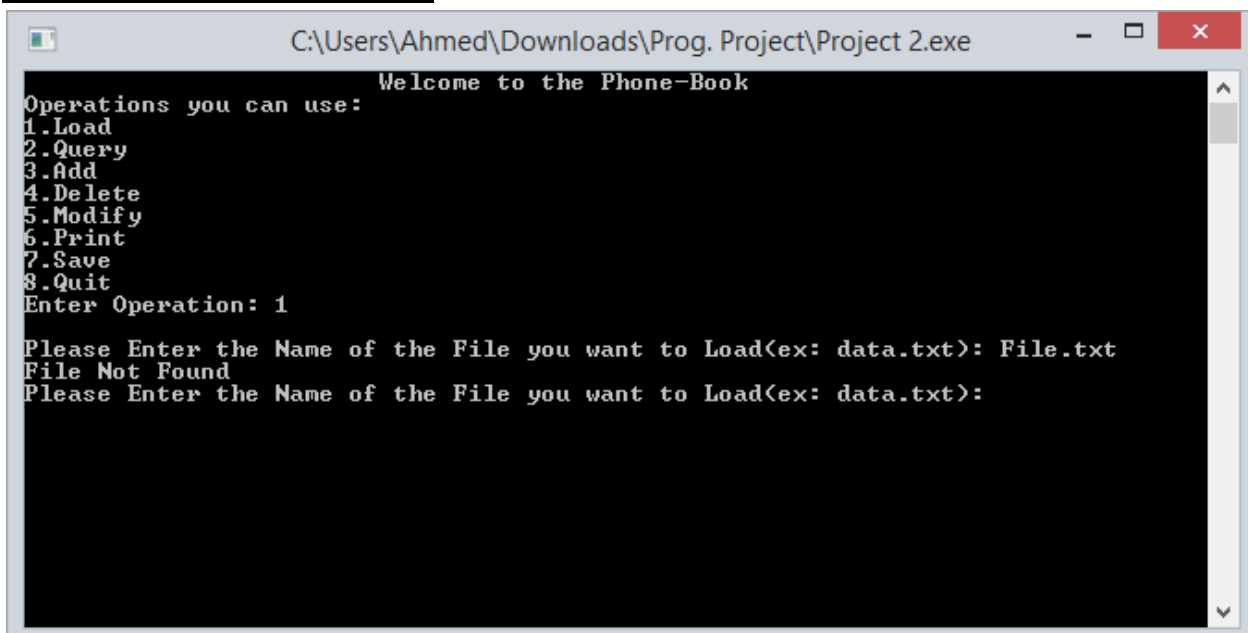


```

C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
Welcome to the Phone-Book
Choose to <1>Create a file or to <2>Load a file: load
Please Enter the Name of the File you want to Load(ex: data.txt): data.txt
File Loaded Successfully
Operations you can use:
1.Load
2.Query
3.Add
4.Delete
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: load
Please Enter the Name of the File you want to Load(ex: data.txt): data.txt
File Loaded Successfully
Press any key to Continue

```

Example for a load error:



```

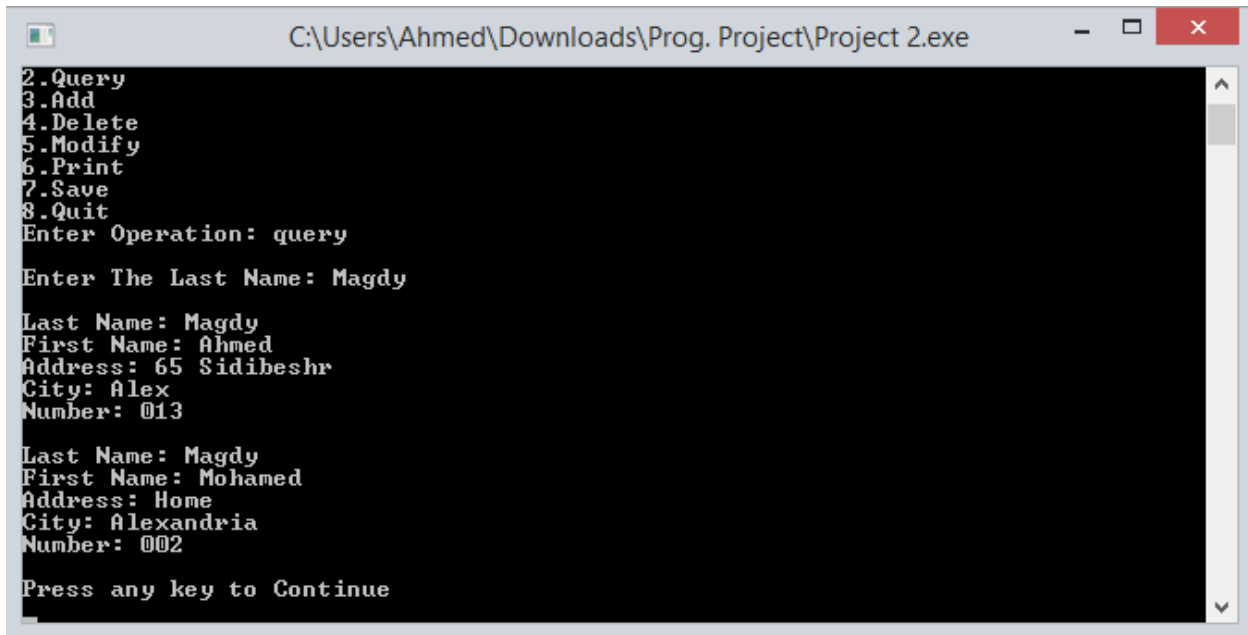
C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
Welcome to the Phone-Book
Operations you can use:
1.Load
2.Query
3.Add
4.Delete
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: 1
Please Enter the Name of the File you want to Load(ex: data.txt): File.txt
File Not Found
Please Enter the Name of the File you want to Load(ex: data.txt):

```

2. Query:

To choose this operation type 2, query or Query.

This operation will ask you for the last name of the contact you are searching for and display all the contacts with that last name. **If the last name doesn't exist or typed wrong the program will give error and will exit from the operation.**



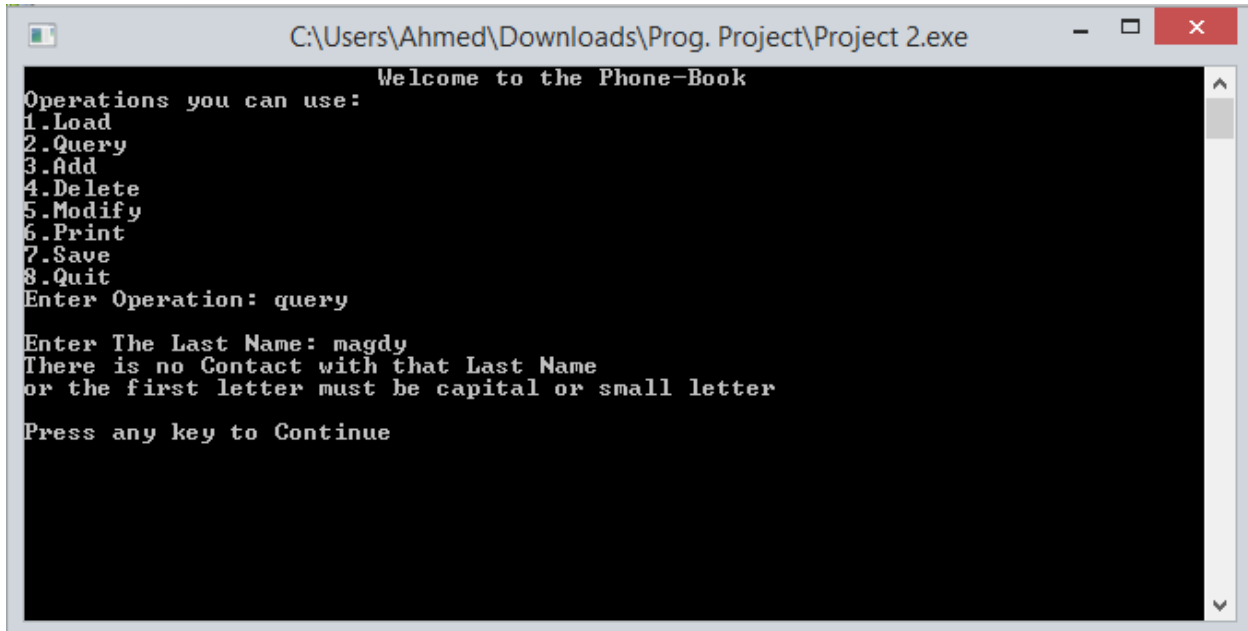
```
C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
2.Query
3.Add
4.Delete
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: query
Enter The Last Name: Magdy

Last Name: Magdy
First Name: Ahmed
Address: 65 Sidibeshr
City: Alex
Number: 013

Last Name: Magdy
First Name: Mohamed
Address: Home
City: Alexandria
Number: 002

Press any key to Continue
```

Example for a query error:



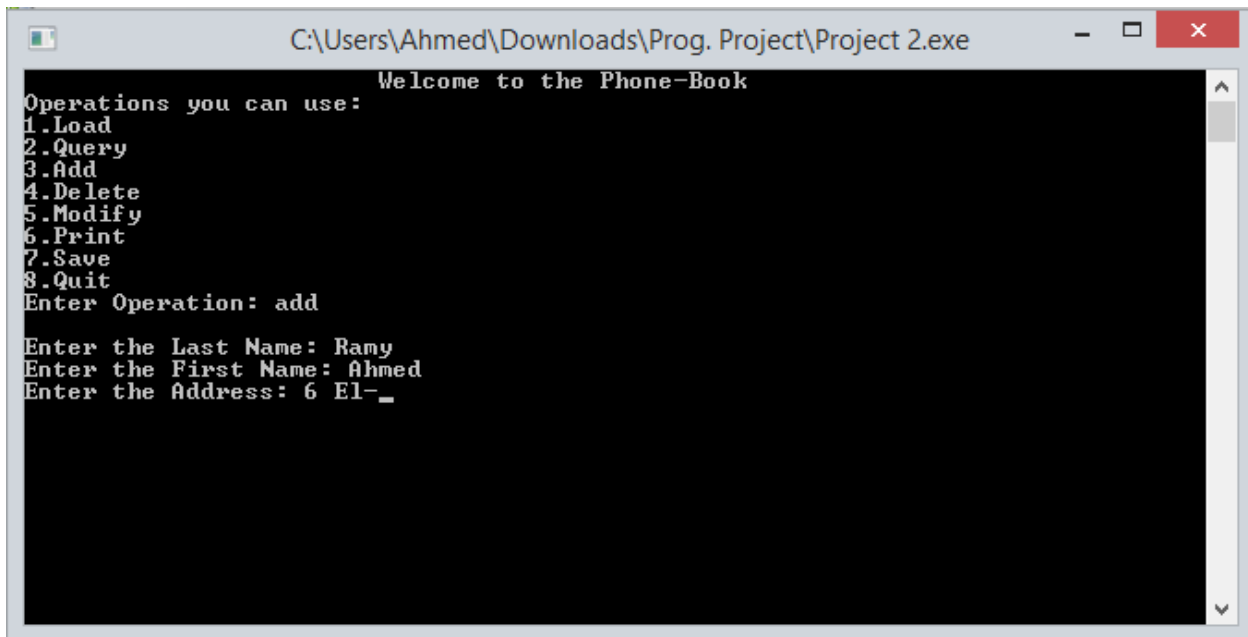
```
C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
Welcome to the Phone-Book
Operations you can use:
1.Load
2.Query
3.Add
4.Delete
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: query
Enter The Last Name: magdy
There is no Contact with that Last Name
or the first letter must be capital or small letter

Press any key to Continue
```

3. Add:

To choose this operation type 3, add or Add.

This operation enables you to add a new contact to your list and will ask you for the last name, first name, address, city and number. **You can't enter letter in the number area or it will give error and re ask for it and be sure to enter your data in right way because the program will not recognize.**

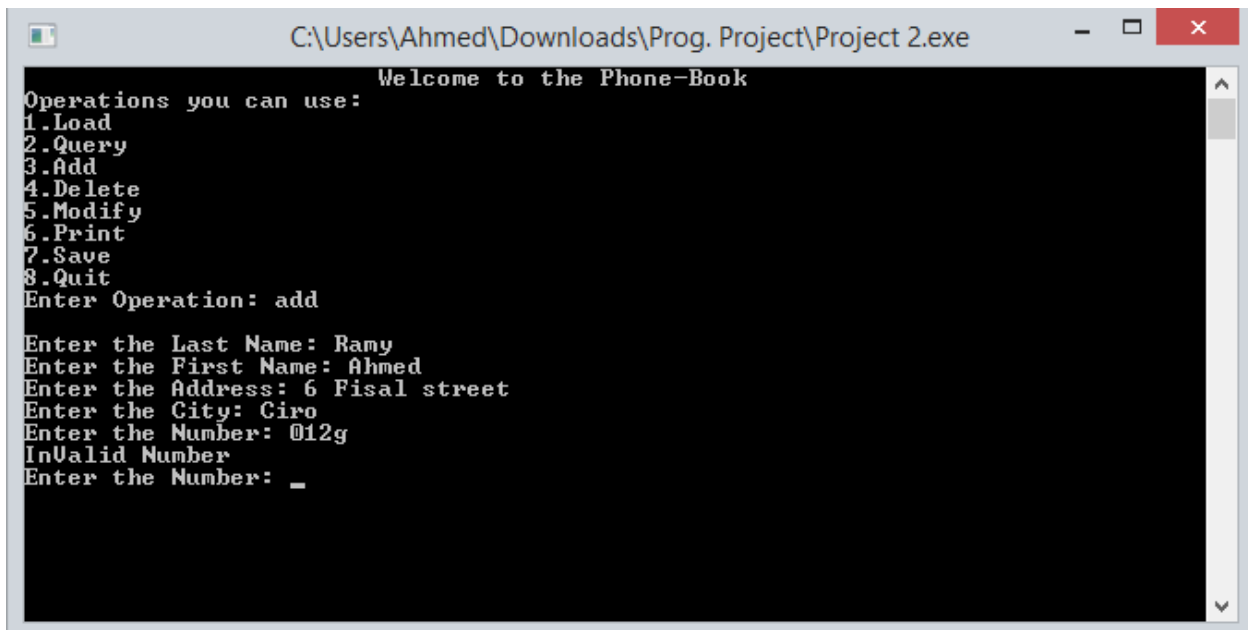


```

C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
Welcome to the Phone-Book
Operations you can use:
1.Load
2.Query
3.Add
4.Delete
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: add
Enter the Last Name: Rany
Enter the First Name: Ahmed
Enter the Address: 6 El-

```

Example for an add error:



```

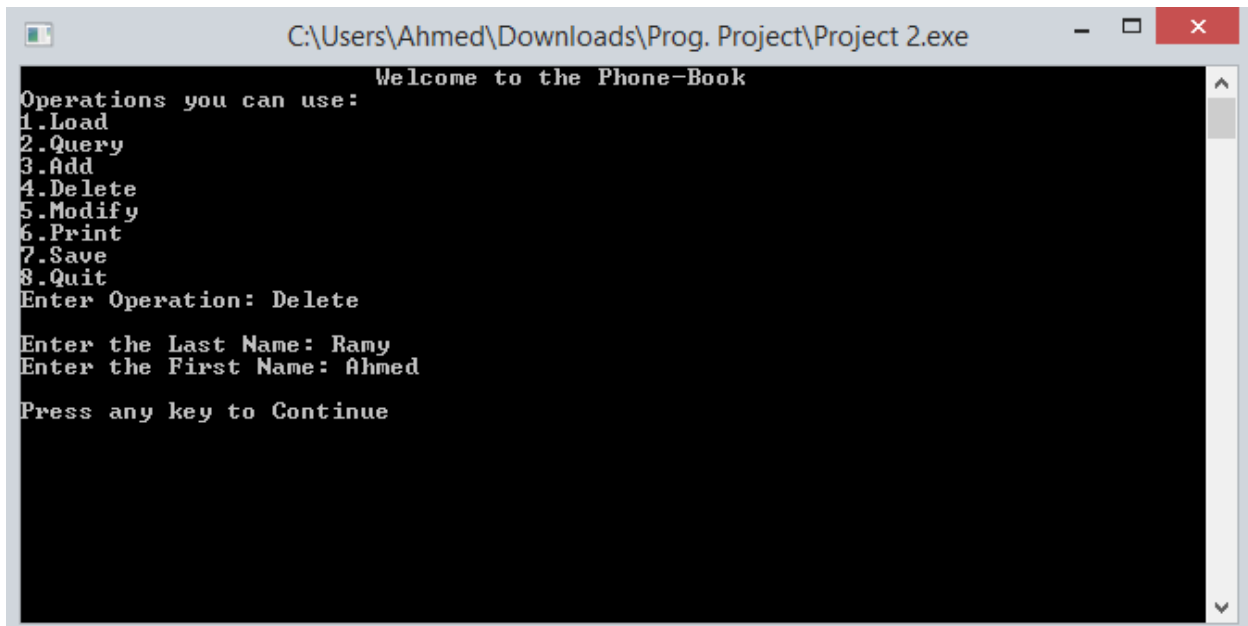
C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
Welcome to the Phone-Book
Operations you can use:
1.Load
2.Query
3.Add
4.Delete
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: add
Enter the Last Name: Rany
Enter the First Name: Ahmed
Enter the Address: 6 Fisal street
Enter the City: Ciro
Enter the Number: 012g
Invalid Number
Enter the Number: 

```

4. Delete:

To choose this operation type 4, delete or Delete.

This operation will ask for the last name and the first name of a contact and it will be deleted from the list. **If one of the names entered wrong or it doesn't exist the program will give an error and exit from the operation.**

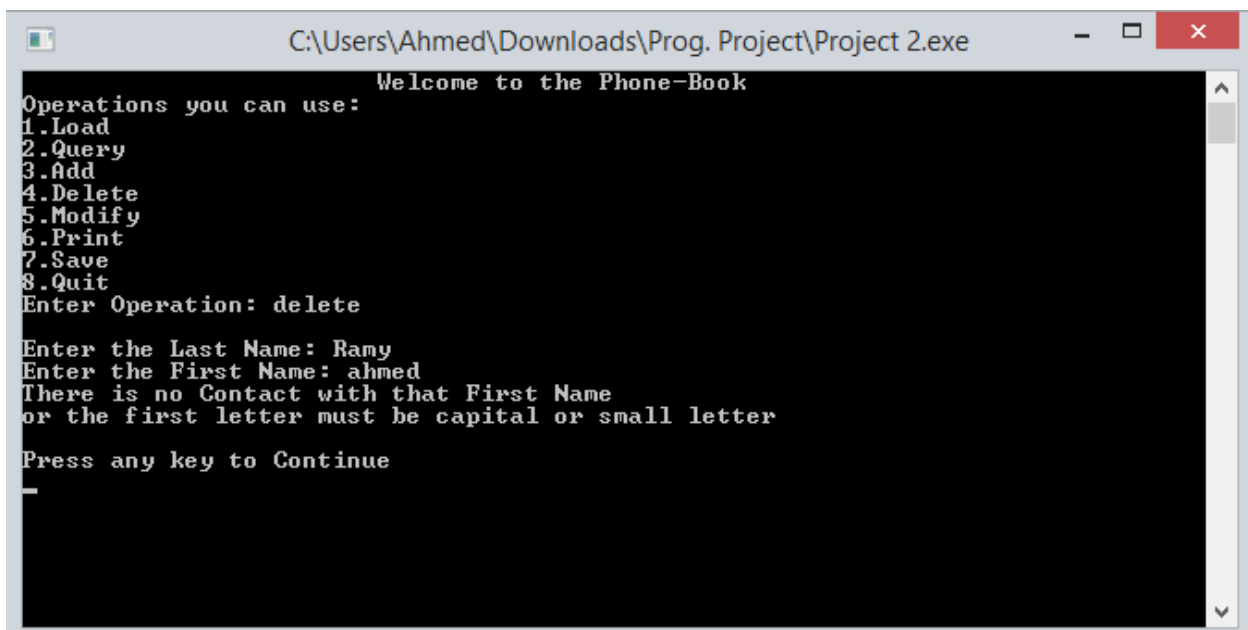


```

C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
Welcome to the Phone-Book
Operations you can use:
1.Load
2.Query
3.Add
4.Delete
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: Delete
Enter the Last Name: Ramy
Enter the First Name: Ahmed
Press any key to Continue

```

Example for a delete error:



```

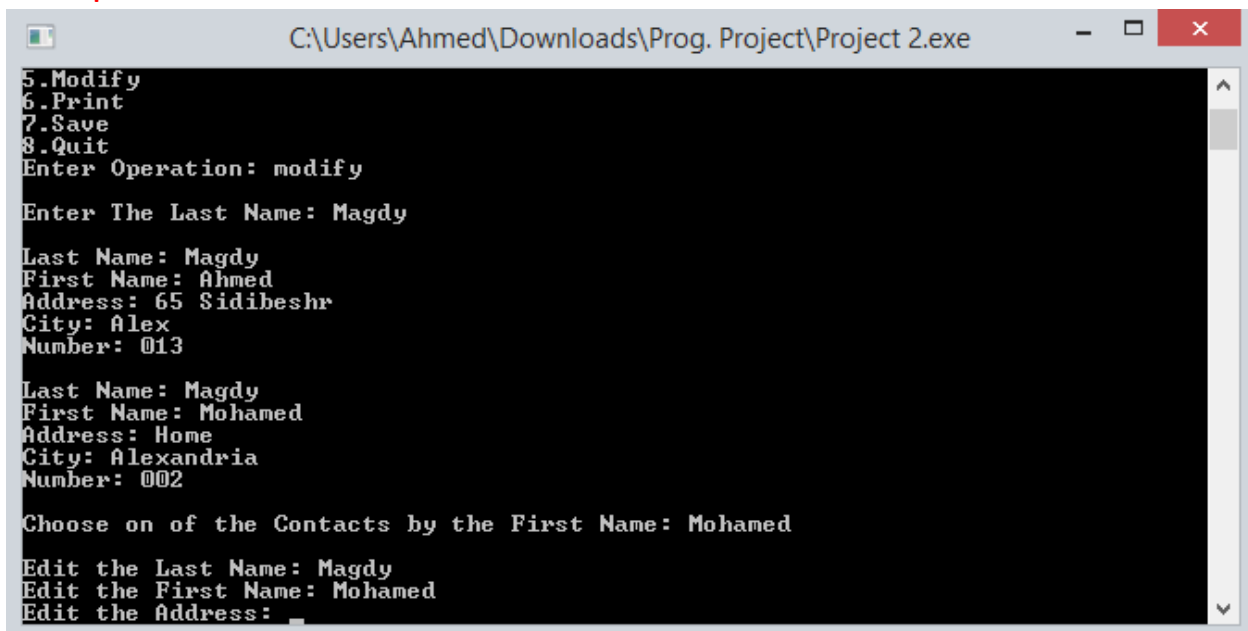
C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
Welcome to the Phone-Book
Operations you can use:
1.Load
2.Query
3.Add
4.Delete
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: delete
Enter the Last Name: Ramy
Enter the First Name: ahmed
There is no Contact with that First Name
or the first letter must be capital or small letter
Press any key to Continue

```

5. Modify:

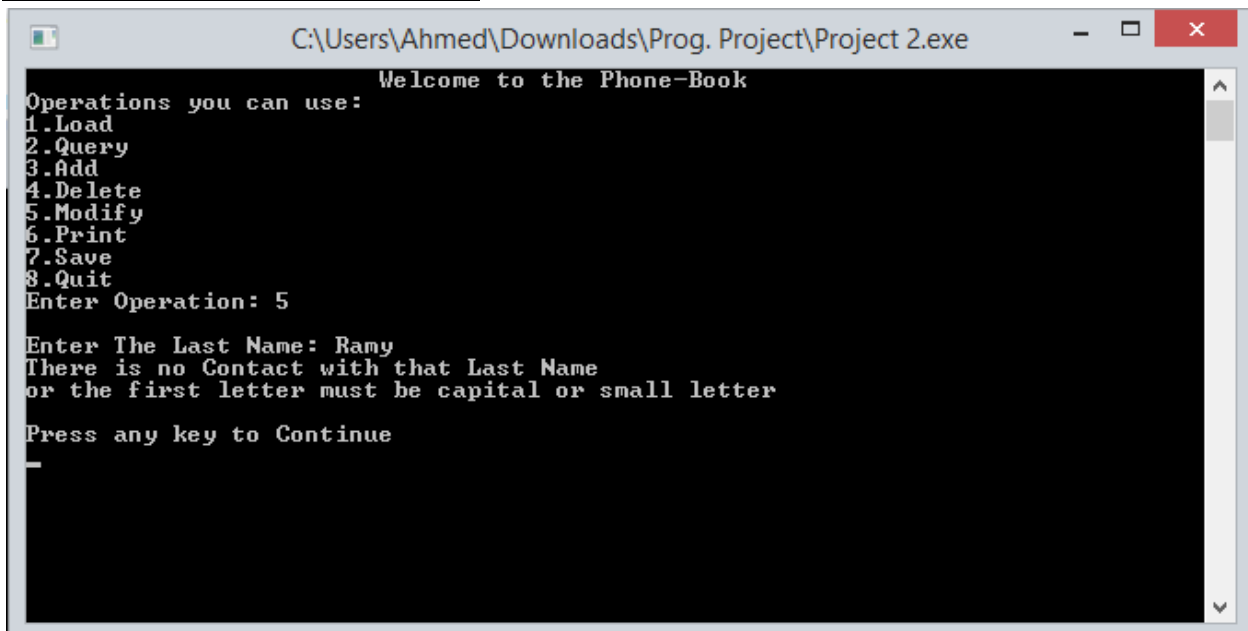
To choose this operation type 5, modify or Modify.

This operation will ask for the last name of the contact you want to edit add it will display the old information and then let you enter the new information. If there is more than one contact with the same last name it will ask to choose one by first name. **If one of the names entered wrong or it doesn't exist the program will give an error and exit from the operation.**



```
C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: modify
Enter The Last Name: Magdy
Last Name: Magdy
First Name: Ahmed
Address: 65 Sidibeshr
City: Alex
Number: 013
Last Name: Magdy
First Name: Mohamed
Address: Home
City: Alexandria
Number: 002
Choose on of the Contacts by the First Name: Mohamed
Edit the Last Name: Magdy
Edit the First Name: Mohamed
Edit the Address: _
```

Example for a modify error:

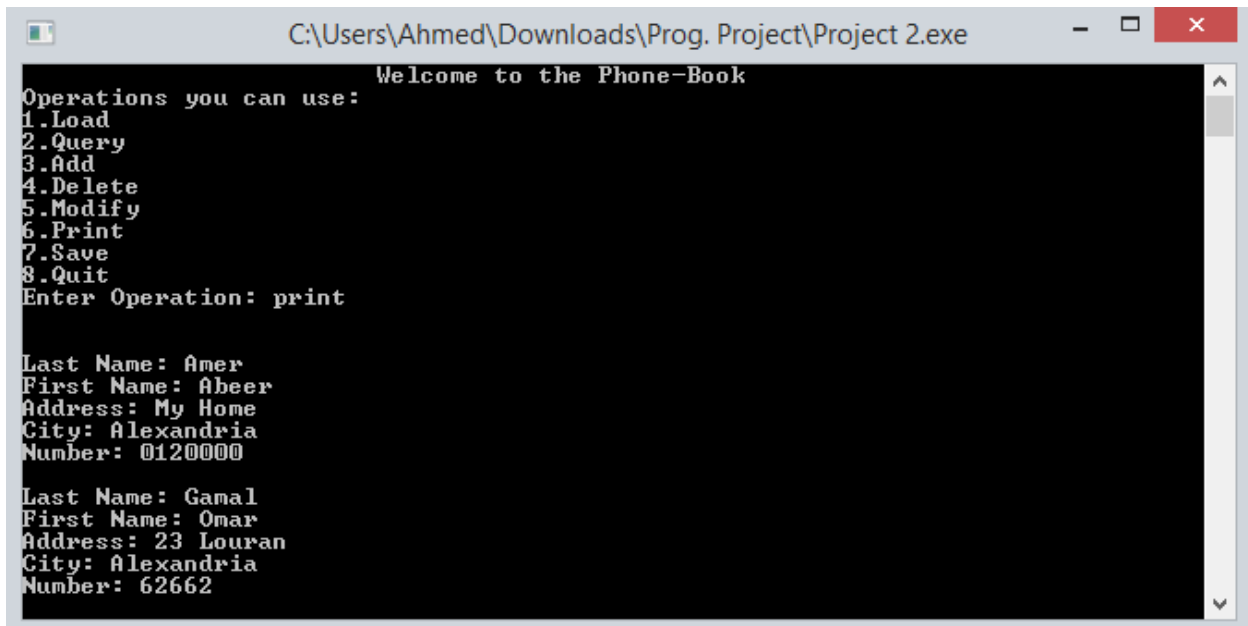


```
C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
Welcome to the Phone-Book
Operations you can use:
1.Load
2.Query
3.Add
4.Delete
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: 5
Enter The Last Name: Ramy
There is no Contact with that Last Name
or the first letter must be capital or small letter
Press any key to Continue
_
```


6. Print:

To choose this operation type 6, print or Print.

This operation will display all the contacts information in the list in sorted order by last name then first name the phone number.

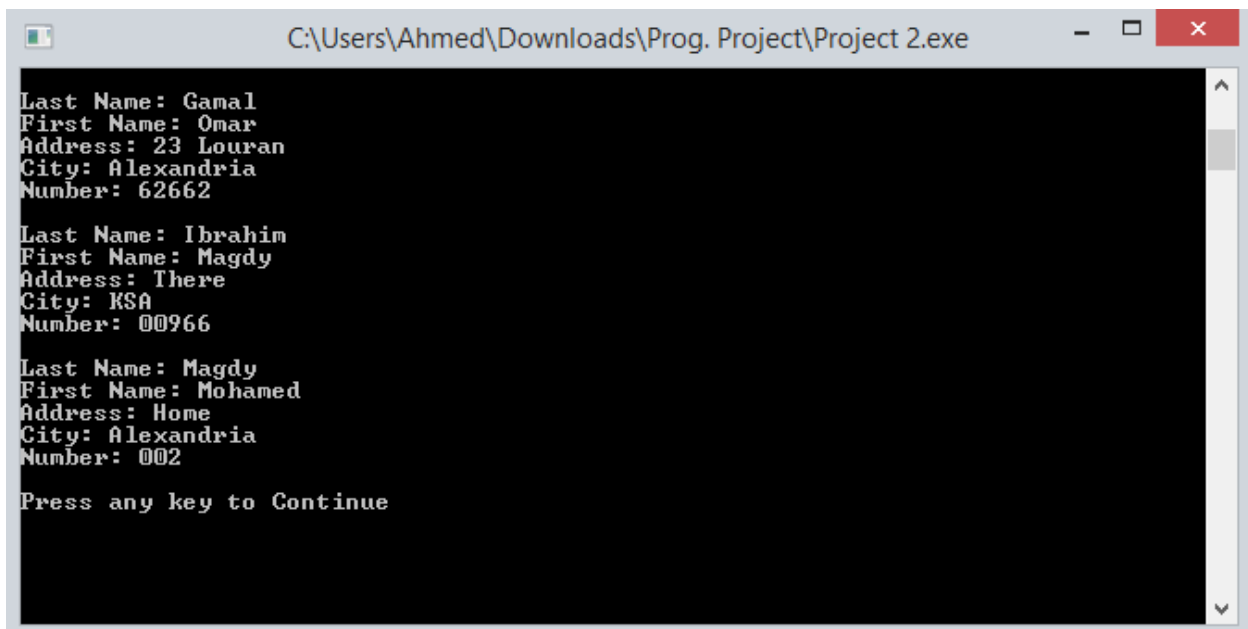


```

C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
Welcome to the Phone-Book
Operations you can use:
1.Load
2.Query
3.Add
4.Delete
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: print

Last Name: Amer
First Name: Abeer
Address: My Home
City: Alexandria
Number: 0120000

Last Name: Gamal
First Name: Omar
Address: 23 Louran
City: Alexandria
Number: 62662
```



```

C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe

Last Name: Gamal
First Name: Omar
Address: 23 Louran
City: Alexandria
Number: 62662

Last Name: Ibrahim
First Name: Magdy
Address: There
City: KSA
Number: 00966

Last Name: Magdy
First Name: Mohamed
Address: Home
City: Alexandria
Number: 002

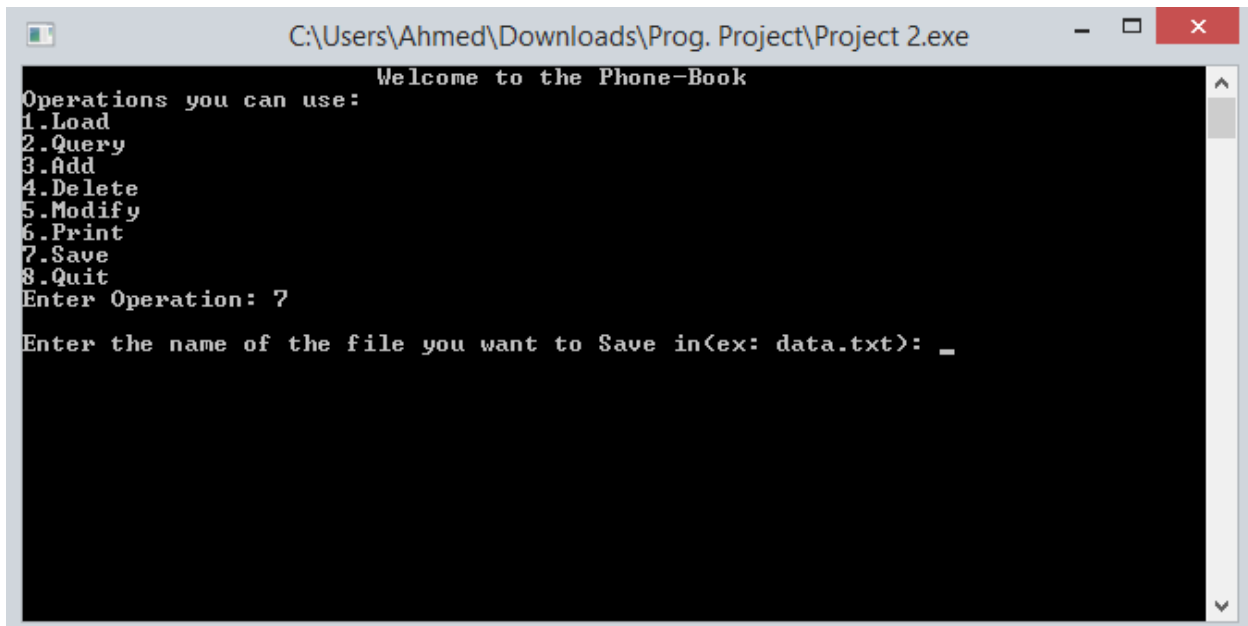
Press any key to Continue
```

7. Save:

To choose this operation type 7, save or Save.

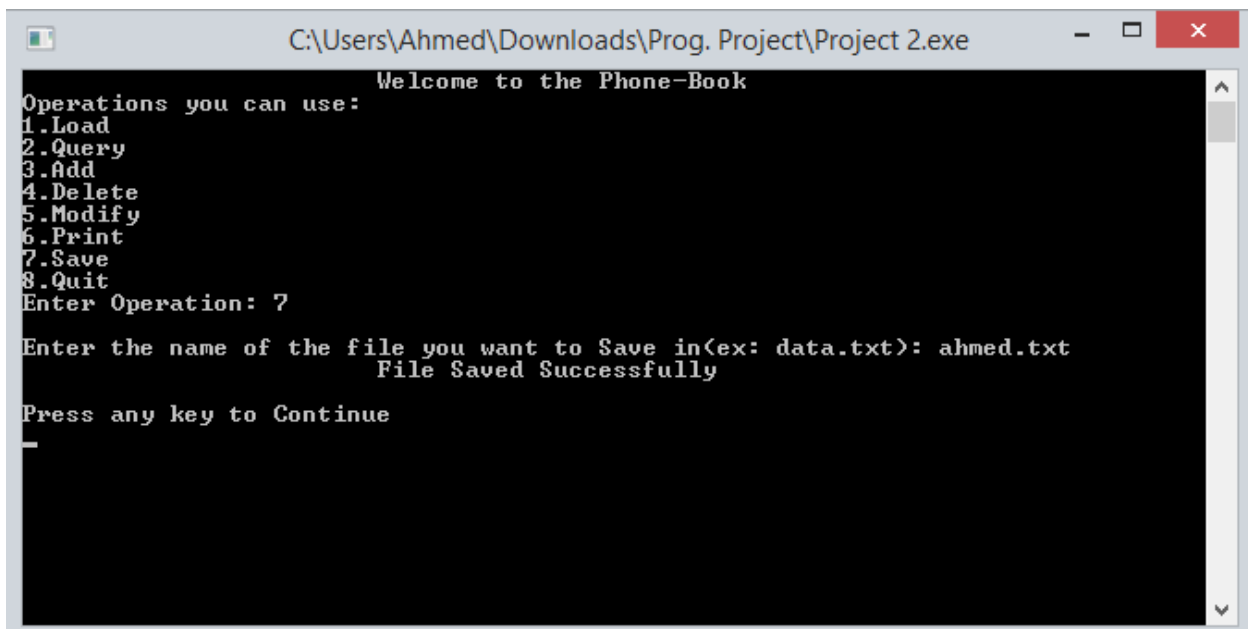
This operation enables you to save your information in document whether it is existed in the program folder or not but be careful that if the document exists the program will overwrite it. This operation can be used any time to be sure that your data won't be lost.

The operation will ask you for the name and type of the document you want to save in.



```

C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
Welcome to the Phone-Book
Operations you can use:
1.Load
2.Query
3.Add
4.Delete
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: 7
Enter the name of the file you want to Save in(ex: data.txt): _
```



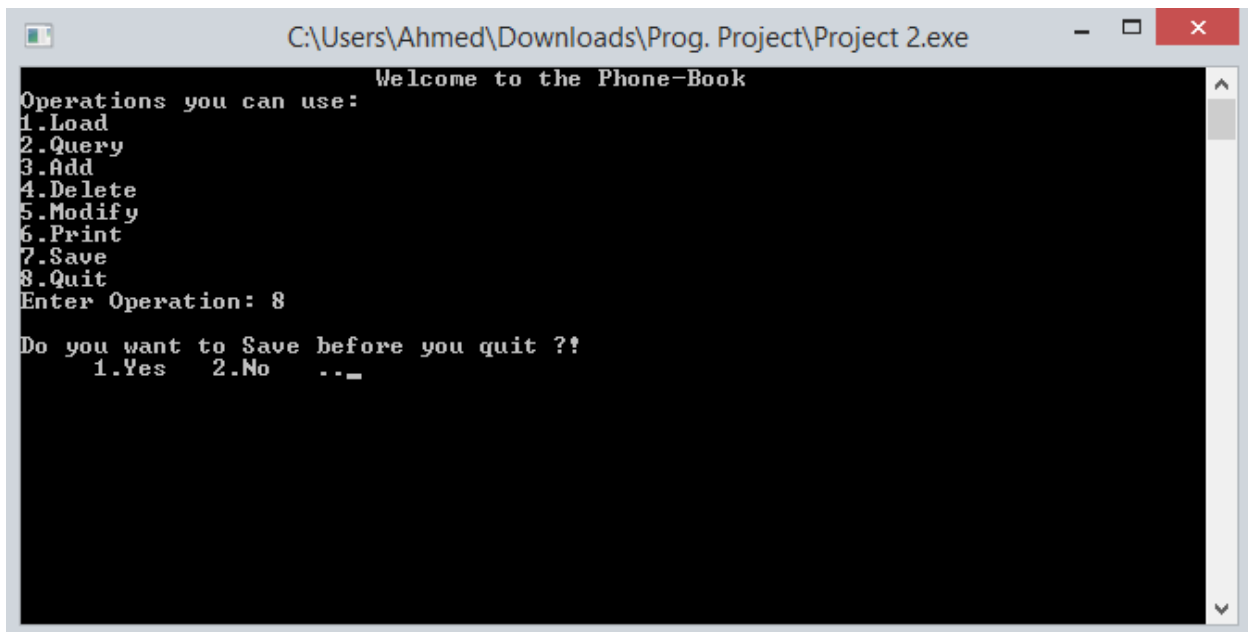
```

C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
Welcome to the Phone-Book
Operations you can use:
1.Load
2.Query
3.Add
4.Delete
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: 7
Enter the name of the file you want to Save in(ex: data.txt): ahmed.txt
File Saved Successfully
Press any key to Continue
_
```

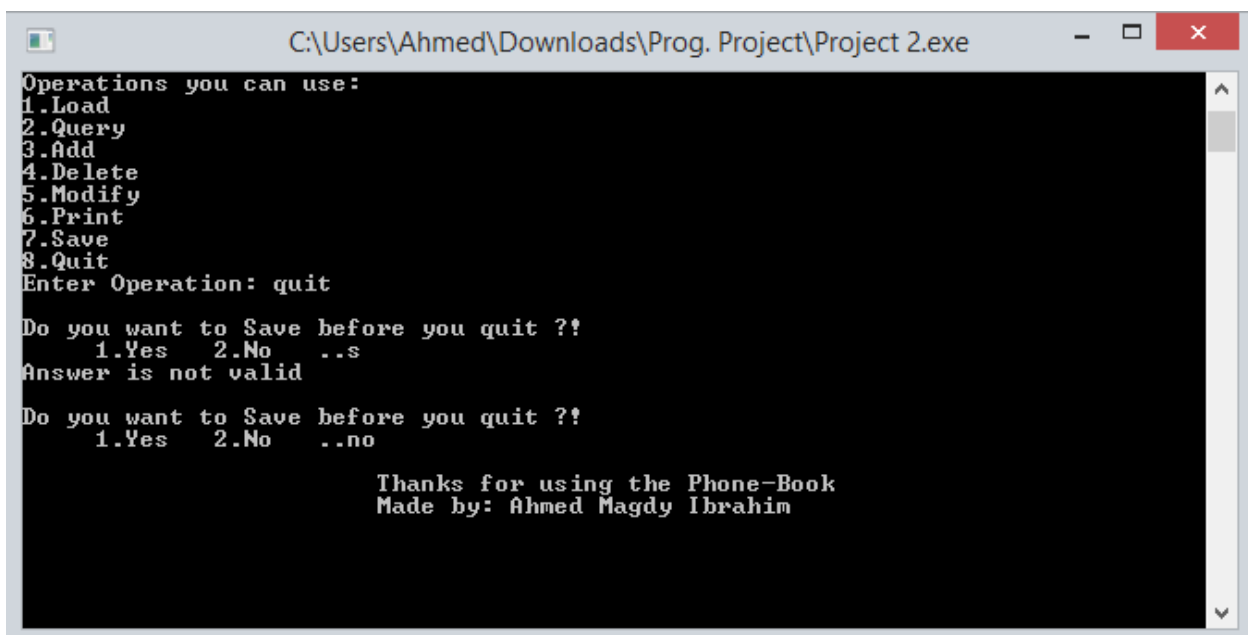
8. Quit:

To choose this operation type 8, quit or Quit.

After you finish your progress you can only quit throw this operation which will remind you by asking if you want to save before you quit or not so you data won't be lost you choose by typing yes or no or there number. In case you choose yes it will just do the save operation and then safely quit. **If you typed a wrong choice error will occur and re ask for a choice.**



```
C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
Welcome to the Phone-Book
Operations you can use:
1.Load
2.Query
3.Add
4.Delete
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: 8
Do you want to Save before you quit ?!
1.Yes 2.No .._
```



```
C:\Users\Ahmed\Downloads\Prog. Project\Project 2.exe
Operations you can use:
1.Load
2.Query
3.Add
4.Delete
5.Modify
6.Print
7.Save
8.Quit
Enter Operation: quit
Do you want to Save before you quit ?!
1.Yes 2.No ..s
Answer is not valid
Do you want to Save before you quit ?!
1.Yes 2.No ..no
Thanks for using the Phone-Book
Made by: Ahmed Magdy Ibrahim
```