

```
~/ICS/212/Project1 : database - Konsole
File Edit View Bookmarks Settings Help
ehsan@chortkeh:~/ICS/212/Project1> ls
database.c      databaseio.c  demos          Makefile
database_functions.c databaseio.h  Ehsan.Kourkchi.Project1.sccs.demo.pdf record.h
database_functions.h Database.txt  getrelease     sccs.demo
ehsan@chortkeh:~/ICS/212/Project1> make all
cc -c database.c
cc -c database_functions.c
cc -c databaseio.c
cc -o database database.o database_functions.o databaseio.o
ehsan@chortkeh:~/ICS/212/Project1>
ehsan@chortkeh:~/ICS/212/Project1>
ehsan@chortkeh:~/ICS/212/Project1> ./database
[Address Book] (ICS212) *** Copyright (Oct. 2013) Ehsan Kourkchi

*** Menu Options ***

1) Add a contact
2) Modify a contact
3) Remove a contact
4) Print a contact
5) Print all contacts
6) Exit

*****
No. of contacts: 1
*****
Enter your choice (1..6): █
```

Compilation process, and running
The program

```
~/ICS/212/Project1 : database - Konsole
File Edit View Bookmarks Settings Help
[Address Book] (ICS212) *** Copyright (Oct. 2013) Ehsan Kourkchi

*** Menu Options ***

1) Add a contact
2) Modify a contact
3) Remove a contact
4) Print a contact
5) Print all contacts
6) Exit

*****
No. of contacts: 1
*****
Enter your choice (1..6): 1

Enter the name: Sarah
Enter the address:
Press the <Enter> key two times when you are done
# honolulu 1256
# blah ba;a
#
Please enter the year of birth (1900-2050): 1980
Enter the telephone number: 80082205716

New Contact:
Name: Sarah
Address: honolulu 1256
blah ba;a
Year of Birth: 1980
Telephone #: 80082205716

*** Is this true ? ***

1) Yes (add it)
2) No (try again)
3) Main Menu (ignore it)
4) Exit the program

*****
The input data is correct?
Enter your choice (1..4): 1
*** Added successfully ***
*** Menu Options ***

1) Add a contact
2) Modify a contact
3) Remove a contact
4) Print a contact
5) Print all contacts
6) Exit

*****
No. of contacts: 2
*****
Enter your choice (1..6):
```

Adding a contact

```
~/ICS/212/Project1 : database - Konsole
File Edit View Bookmarks Settings Help

1) Search again
2) Main Menu
3) Exit the program

*****
Enter your choice (1..3): 2
*** Menu Options ***

1) Add a contact
2) Modify a contact
3) Remove a contact
4) Print a contact
5) Print all contacts
6) Exit

*****
No. of contacts: 2
*****
Enter your choice (1..6): 5

*****
The list of all contacts
*****
Contact No.: 1
Name: Sarah Eftekharzadeh
Address: Washaki Center, Laramie
Wyoming
USA
Year of Birth: 1981
Telephone No.: 3074601373

*****
Contact No.: 2
Name: Sarah
Address: honolulu 1256
blah ba;a
Year of Birth: 1980
Telephone No.: 80082205716

*****
Number of contacts: 2
*****

*** Menu Options ***

1) Add a contact
2) Modify a contact
3) Remove a contact
4) Print a contact
5) Print all contacts
6) Exit

*****
No. of contacts: 2
*****
Enter your choice (1..6):
```

Print all contacts

*** Menu Options ***

- 1) Add a contact
- 2) Modify a contact
- 3) Remove a contact
- 4) Print a contact
- 5) Print all contacts
- 6) Exit

No. of contacts: 2

Enter your choice (1..6): 3

[Removing a Contact]

Enter the contact name: Sarah Eftekharzadeh

No. of removed contacts: 1

***** Options *****

- 1) Remove another contact
- 2) Main Menu
- 3) Exit the program

Enter your choice (1..3): 2

*** Menu Options ***

- 1) Add a contact
- 2) Modify a contact
- 3) Remove a contact
- 4) Print a contact
- 5) Print all contacts
- 6) Exit

No. of contacts: 1

Enter your choice (1..6): 5

The list of all contacts

Contact No.: 1

Name: Sarah

Address: honolulu 1256

blah ba;a

Year of Birth: 1980

Telephone No.: 80082205716

Number of contacts: 1

*** Menu Options ***

- 1) Add a contact
- 2) Modify a contact

Removing a contact

Printing all contacts
After the Removing process