I have structured this assignment differently from the previous HW7.

When you run the code through Java Main, the terminal displays the following menu:

```
Menu:
1. Add Contact
2. Display Contacts
3. Save Contacts to Text File
4. Load Contacts from Text File
5. Save Contacts to Binary File
6. Load Contacts from Binary File
7. Delete Contact
8. Exit
Enter your choice:
```

When you select option 1, you will be prompted to enter a name, phone number, and email address. If an invalid value is entered, the handler ensures the user is prompted to enter the information again.

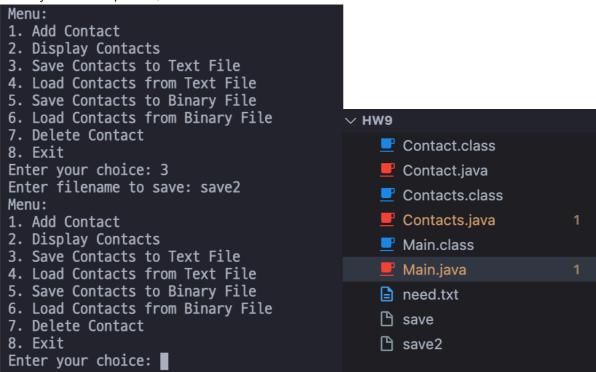
```
Menu:
1. Add Contact
2. Display Contacts
3. Save Contacts to Text File
4. Load Contacts from Text File
5. Save Contacts to Binary File
Load Contacts from Binary File
7. Delete Contact
8. Exit
Enter your choice: 1
Enter name: Seongbin
Enter phone: 1234
Enter email: bins
Invalid email format. Please try again.
Enter name: Seongbin
Enter phone: 1234
Enter email: bins506@naver.com
Menu:
1. Add Contact
2. Display Contacts
3. Save Contacts to Text File
4. Load Contacts from Text File
5. Save Contacts to Binary File
6. Load Contacts from Binary File
7. Delete Contact
8. Exit
Enter your choice: ☐
```

Selecting option 2 displays the currently entered contacts.

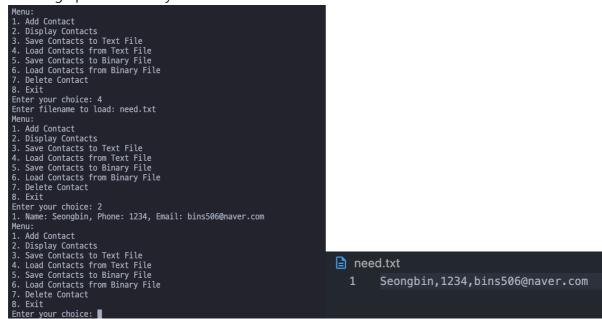
```
Enter your choice: 2

1. Name: Seongbin, Phone: 1234, Email: bins506@naver.com
```

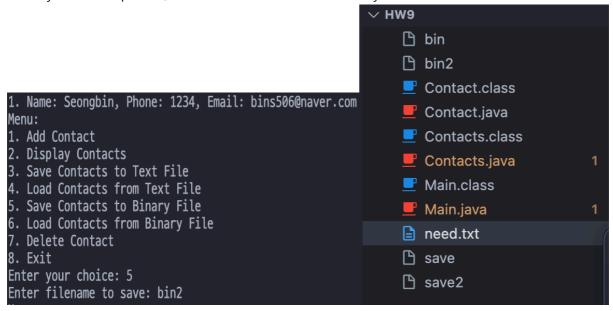
When you select option 3, the current contact list is saved to a file as shown below.



Selecting option 4 allows you to enter the name of a file to load contacts from that file.



When you select option 5, the contacts are saved to a binary file as shown below.



Selecting option 6, when there were initially no contacts, loads new contacts from a binary file as shown below.

```
Menu:
1. Add Contact
2. Display Contacts

    Save Contacts to Text File
    Load Contacts from Text File

5. Save Contacts to Binary File
6. Load Contacts from Binary File
7. Delete Contact
8. Exit
Enter your choice: 2
Menu:
1. Add Contact
2. Display Contacts
3. Save Contacts to Text File
4. Load Contacts from Text File
5. Save Contacts to Binary File
6. Load Contacts from Binary File
7. Delete Contact
8. Exit
Enter your choice: 6
Enter filename to load: bin2
Menu:
1. Add Contact
2. Display Contacts

    Save Contacts to Text File
    Load Contacts from Text File

5. Save Contacts to Binary File
6. Load Contacts from Binary File
7. Delete Contact
8. Exit
Enter your choice: 2
1. Name: Seongbin, Phone: 1234, Email: bins506@naver.com
Menu:
1. Add Contact
2. Display Contacts
3. Save Contacts to Text File
4. Load Contacts from Text File
5. Save Contacts to Binary File6. Load Contacts from Binary File
7. Delete Contact
8. Exit
Enter your choice:
```

When you select option 7, the current contacts are displayed, and you can delete a contact by entering its number.

```
Menu:
1. Add Contact
2. Display Contacts
3. Save Contacts to Text File
4. Load Contacts from Text File
5. Save Contacts to Binary File
6. Load Contacts from Binary File
7. Delete Contact
8. Exit
Enter your choice: 7
1. Name: Seongbin, Phone: 1234, Email: bins506@naver.com
Enter the number of the contact to delete: 1
Contact removed.
Menu:
1. Add Contact
2. Display Contacts
3. Save Contacts to Text File
4. Load Contacts from Text File
5. Save Contacts to Binary File
6. Load Contacts from Binary File
7. Delete Contact
8. Exit
Enter your choice: 2
Menu:
1. Add Contact
2. Display Contacts
3. Save Contacts to Text File
4. Load Contacts from Text File
5. Save Contacts to Binary File
6. Load Contacts from Binary File
7. Delete Contact
8. Exit
Enter your choice:
```

Selecting option 8 exits the program.

```
Menu:
1. Add Contact
2. Display Contacts
3. Save Contacts to Text File
4. Load Contacts from Text File
5. Save Contacts to Binary File
6. Load Contacts from Binary File
7. Delete Contact
8. Exit
Enter your choice: 8
Exiting...
liam@Liamui-MacBookPro ~/Desktop/24-1/Java/hw9
```