

Contact Book

Main Menu Options

1. Add Contact: Add a new contact by providing name, phone number, email, and address.
2. View Contacts: View all saved contacts with details such as name, phone, email, and address.
3. Search Contact: Search for a contact using name, phone number, or email.
4. Remove Contact: Remove a contact by providing their phone number.
5. Exit: Exit the Contact Book Management System.

Functionalities

1. Add Contact:

- Validate the name to ensure it contains only letters and spaces.
- Ensure the phone number has 11 digits and does not already exist in the contact list.
- Save contact details including name, phone, email, and address.

2. View Contacts:

- Display all contacts in a user-friendly format with name, phone, email, and address.

3. Search Contact:

- Search contacts using name, phone, or email.
- Display matching results with full details.

4. Remove Contact:

- Remove a contact by entering their phone number.
- Notify the user whether the contact was successfully removed.

Contact Book Design

5. Data Persistence:

- Save all contacts to a file ('contacts.txt') to maintain data between sessions.
- Load contacts from the file when the program starts.