

Address Book Application

This Java Swing application serves as a basic Address Book where users can input contact details and perform various operations such as insert, update, and delete contacts. The application is organized using a graphical user interface (GUI) to enhance user interaction and experience.

Features

Input Fields:

- Name
- Phone Number
- Email Address

Operations:

- View contact
- Insert Contact
- Update Contact
- Delete Contact

Additional Update Options:

- Update Mobile Number by Email
- Update Email by Phone Number

Application Layout

The application's GUI is structured using two main panels arranged in a two-column layout:

1. Fields Panel

Contains input fields for:

- Name
- Phone Number
- Email Address

2. Buttons Panel

Includes buttons for:

- View a contact details
- Inserting a new contact
- Updating an existing contact
- Deleting a contact

Additional update options are provided to:

- Update the mobile number based on the email
- Update the email based on the phone number

How to Run

1. Compile the Java File:

- Navigate to the directory containing the Java file (AddressBookJDBC.java).
- Compile the Java file using the javac command:

2. Run the Application:

- Execute the compiled Java class using the java command:

Usage

Input Fields:

- Enter the contact details in the provided fields: Name, Phone Number, and Email Address.

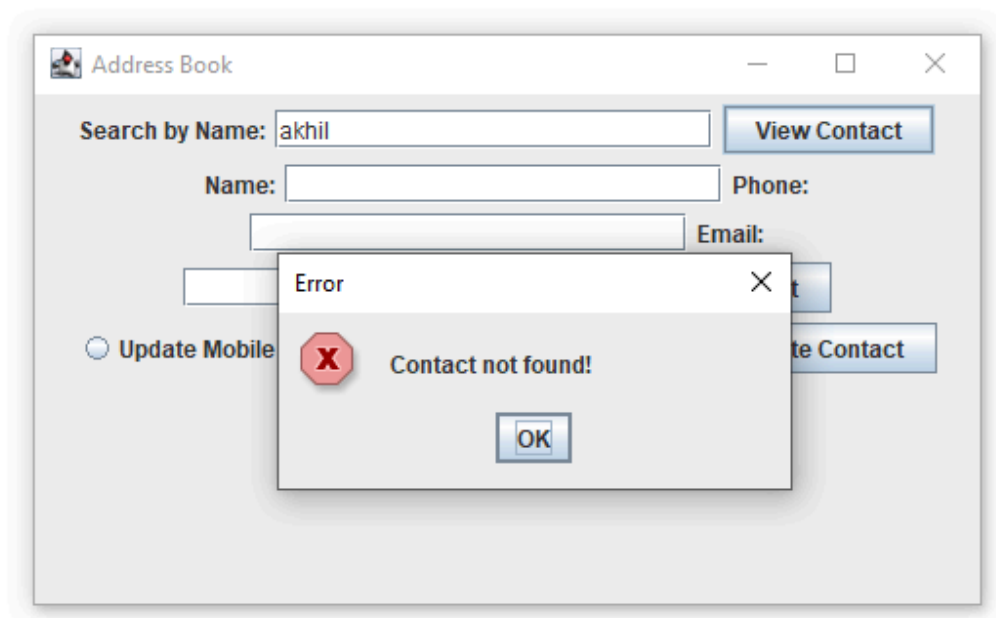
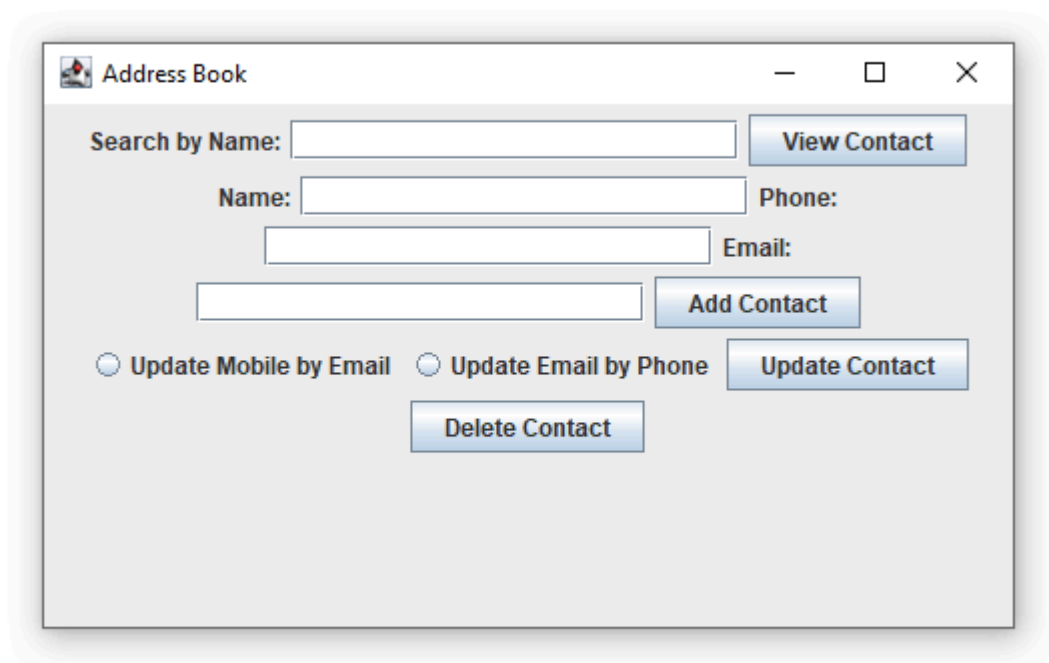
Operations:

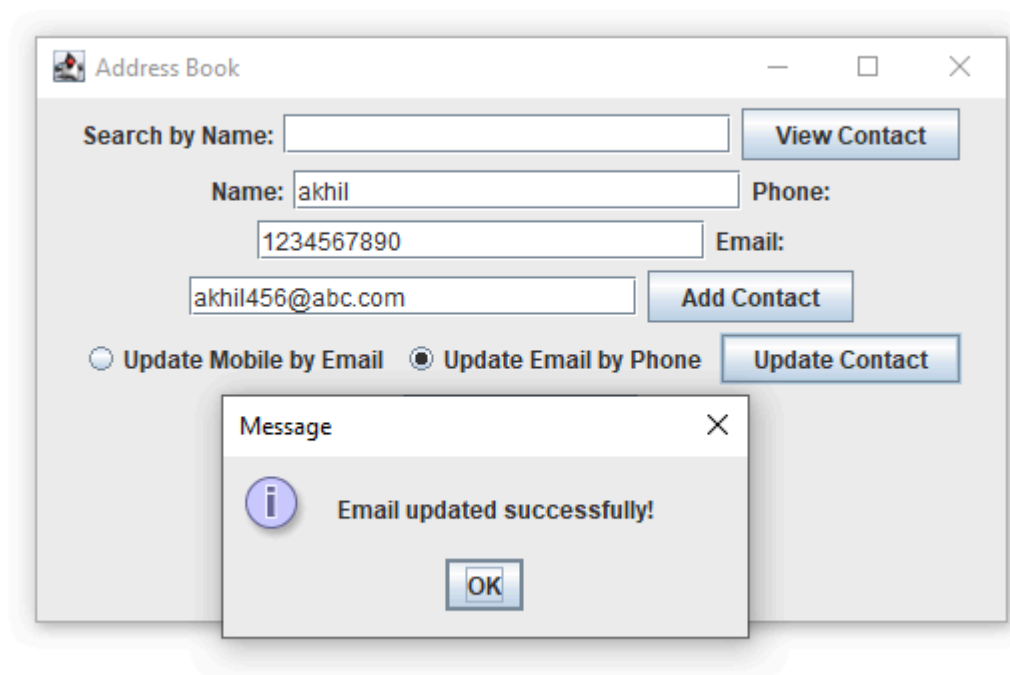
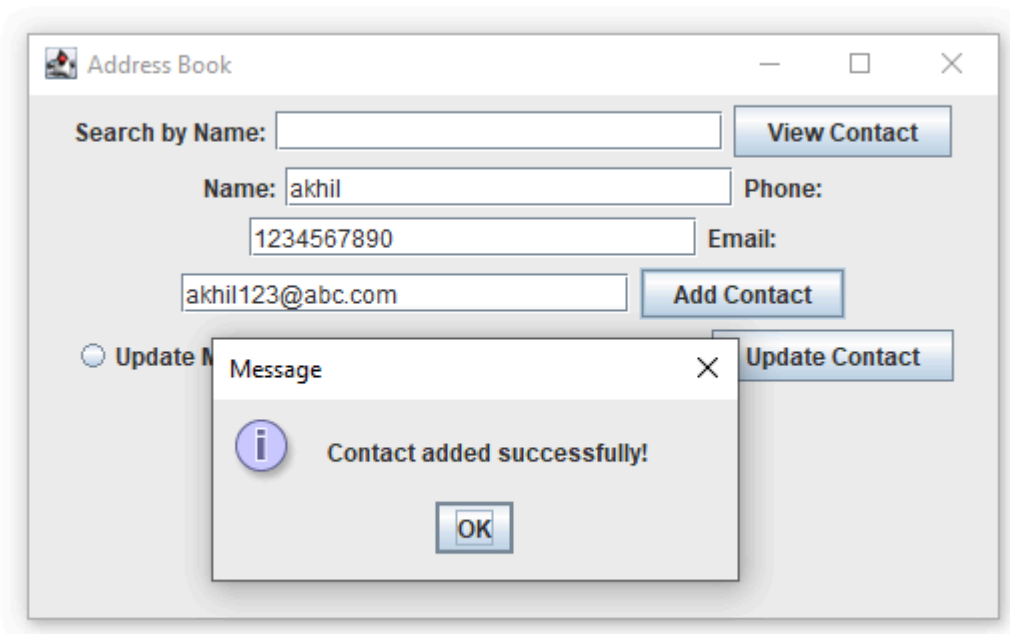
- View: Click on the “view” button to view contact details with the entered name.
- Insert: Click on the "Insert" button to add a new contact with the entered details.
- Update: Click on the "Update" button and choose one of the update options to modify existing contact details.
- Delete: Click on the "Delete" button to remove a contact from the address book.

Additional Notes

- The application uses a Java Swing-based GUI for a user-friendly interface.
- Database operations are simulated within the application for demonstration purposes.
- Ensure you have the necessary Java environment set up to compile and run the application.

GUI





Address Book

Search by Name:

View Contact

Name:

akhil

Phone:

1234567890

Email:

akhil456@abc.com

Add Contact

☐ Update Mobile by Email

☒ Update Email by Phone

Update Contact

Delete Contact

Message

i

Contact deleted successfully!

OK