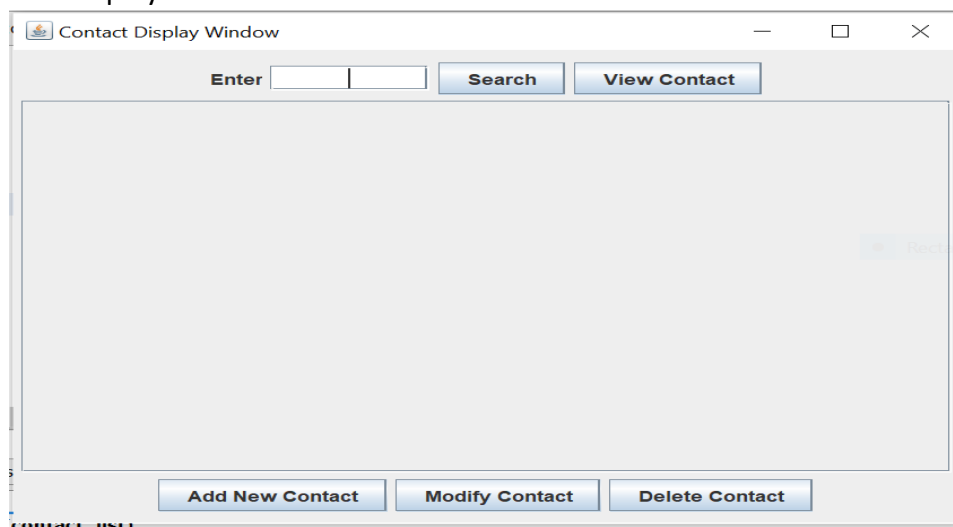
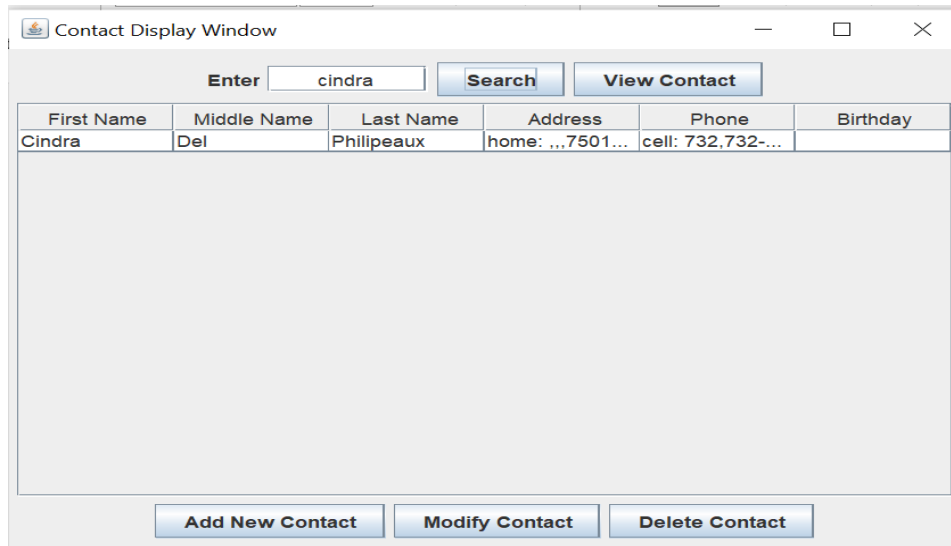


## A QUICK START USER GUIDE

1. Open NetBeans. Open the contact\_app\_manager project from the file menu. There are six java classes in the contact\_app\_manager folder.
2. The java classes perform the following functions:
  - **ContactConnectDatabase.java:** It contains methods like searchForContact(), getAllContact(), modifyContact() and addContact() which interacts the MySQL's SQL database contact\_app\_manager using JDBC API.
  - **ContactListForm.java:** It creates an object that represents a contact required for passing to and from the SQL database via the methods that interact with SQL
  - **ContactManagerTable.java:** When contacts are searched, it is searched in the JTable of the JFrame object. This class is responsible for displaying the contacts
  - **ContactAppManager.java:** It creates a JFrame object and starts the application
  - **ContactAdd.java:** Contact is added to the database using the JDialog object created by AddContact.java
  - **LoadDatabase.java:** It is used to load the contacts.csv sample contact database.
3. Open MySQL Workbench. Open the contact\_app\_manager.sql file. Create contact\_app\_manager schema and all the tables. Run the query for inserting data from csv file into the respective tables.
4. Check the path for mysql-connector-java-8.0.27.jar . Click the Dependencies tab in the project to check if the .jar file is present or else right click to add dependencies. Add the Group ID as mysql Artifact ID as mysql-connector-java and the correct version number. Further click on services=>databases and connect to MySQL's SQL database.
5. Run the ContactAppManager.java class. If there are no errors a GUI "Contact Display Window" will display.



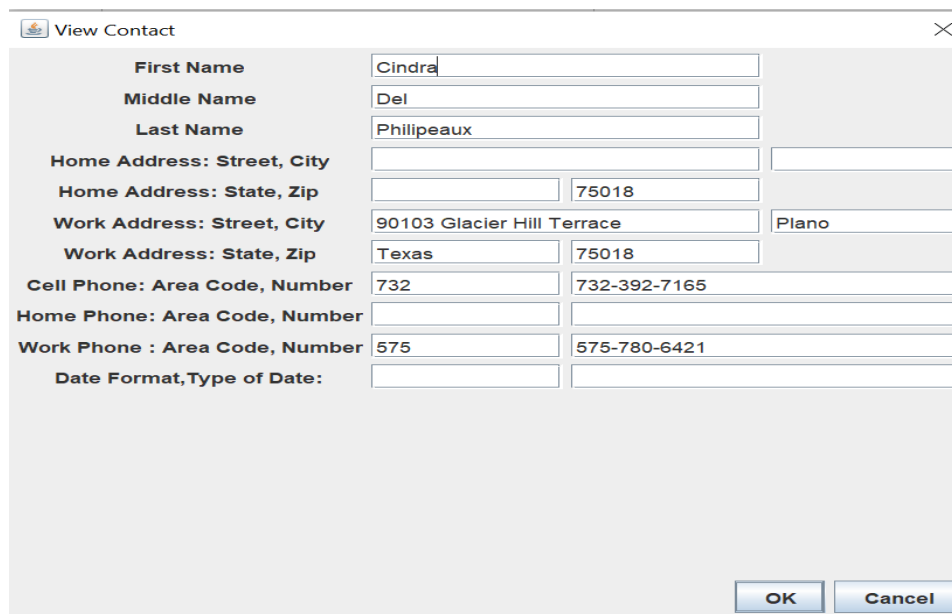
6. On the right side of the enter field, Enter the field to search its related contact. Select the contact from the search results displayed in the table. View, Modify or Delete the contact.



Enter

First Name	Middle Name	Last Name	Address	Phone	Birthday
Cindra	Del	Philippeaux	home: ...7501...	cell: 732,732-...	

7. Further, you will also be able to add new contact.
8. The CRUD (Create, Read, Update, Delete) actions performed on the GUI will reflect in the database as the application is backward compatible.



**First Name**

**Middle Name**

**Last Name**

**Home Address: Street, City**

**Home Address: State, Zip**

**Work Address: Street, City**

**Work Address: State, Zip**

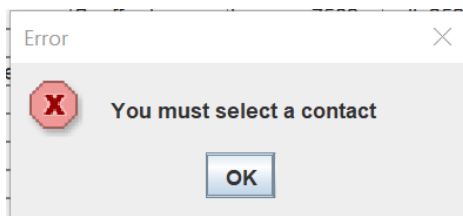
**Cell Phone: Area Code, Number**

**Home Phone: Area Code, Number**


**Work Phone : Area Code, Number**

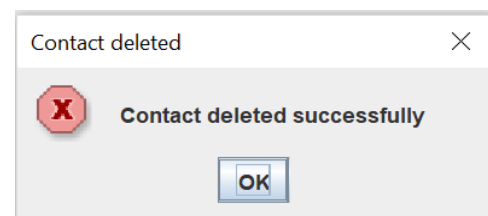
**Date Format, Type of Date:**

9. If a contact is not selected, it will throw an error message. Post modifications, deletions, additions it will also show a success message.




Error

 You must select a contact



Contact deleted

 Contact deleted successfully