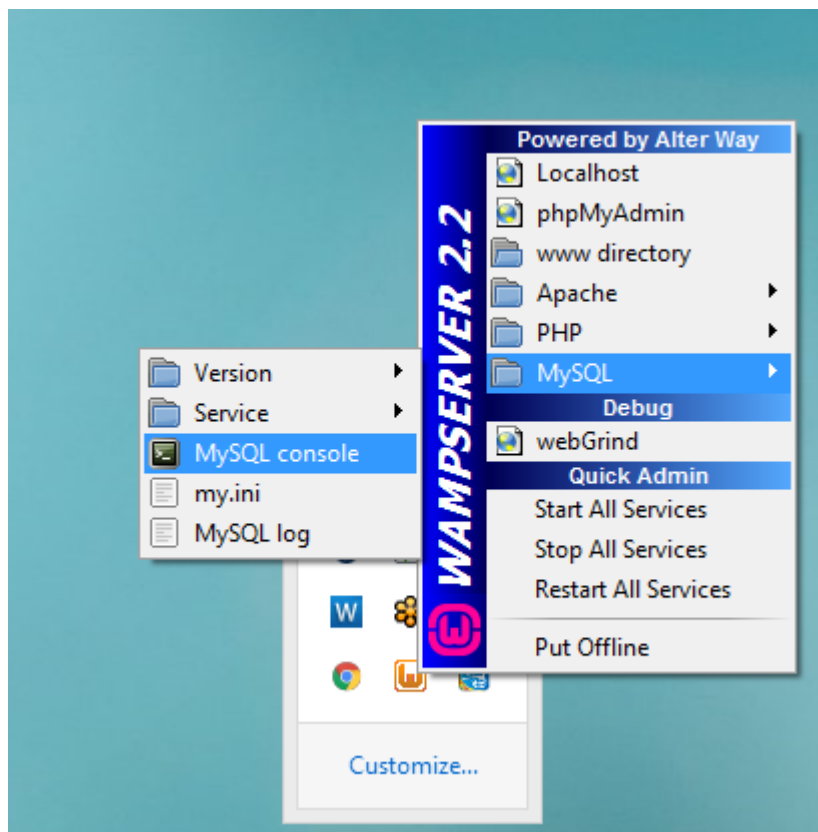


Steps for jdbc connectivity:

JAVA Program to insert values from Netbeans to mysql using jdbc connectivity

1. Download wamp server and start ALL Services by right click on the wamp server icon
2. Click on the MySQL Console by right click on wamp server icon and select Mysql --> mysql console



3. Dont enter any password just enter.
4. under mysql> create database crops;

```

c:\wamp\bin\mysql\mysql5.5.24\bin\mysql.exe
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 5.5.24-log MySQL Community Server (GPL)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database crops;
Query OK, 1 row affected (0.00 sec)

mysql> show database;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that
corresponds to your MySQL server version for the right syntax to use near 'datab
ase' at line 1
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| crops      |
| employee   |
| library    |
| mysql      |
| performance_schema |
| student    |
| test       |
| vit        |
+-----+
9 rows in set (0.11 sec)

```

```

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| crops      |
| employee   |
| library    |
| mysql      |
| performance_schema |
| student    |
| test       |
| vit        |
+-----+
9 rows in set (0.11 sec)

mysql> use crops;
Database changed
mysql> show tables;
Empty set (0.01 sec)

mysql> create table crop ( cropname varchar(25), place varchar(25), yeild varchar(25));

```

```

mysql> create table crop ( cropname varchar(25), place varchar(25), yeild varchar(25));
Query OK, 0 rows affected (0.10 sec)

mysql> insert into crop (cropname, place, yeild) value ( 'paddy', 'Vellore', '25000');
Query OK, 1 row affected (0.09 sec)

mysql> select * from crop;
+-----+-----+-----+
| cropname | place | yeild |
+-----+-----+-----+
| paddy    | Vellore | 25000 |
+-----+-----+-----+
1 row in set (0.00 sec)

mysql> insert into crop (cropname, place, yeild) value ('Wheat', Punjab, '30000');
ERROR 1054 (42S22): Unknown column 'Punjab' in 'field list'
mysql> insert into crop (cropname, place, yeild) value ('Wheat', 'Punjab', '30000');
Query OK, 1 row affected (0.04 sec)

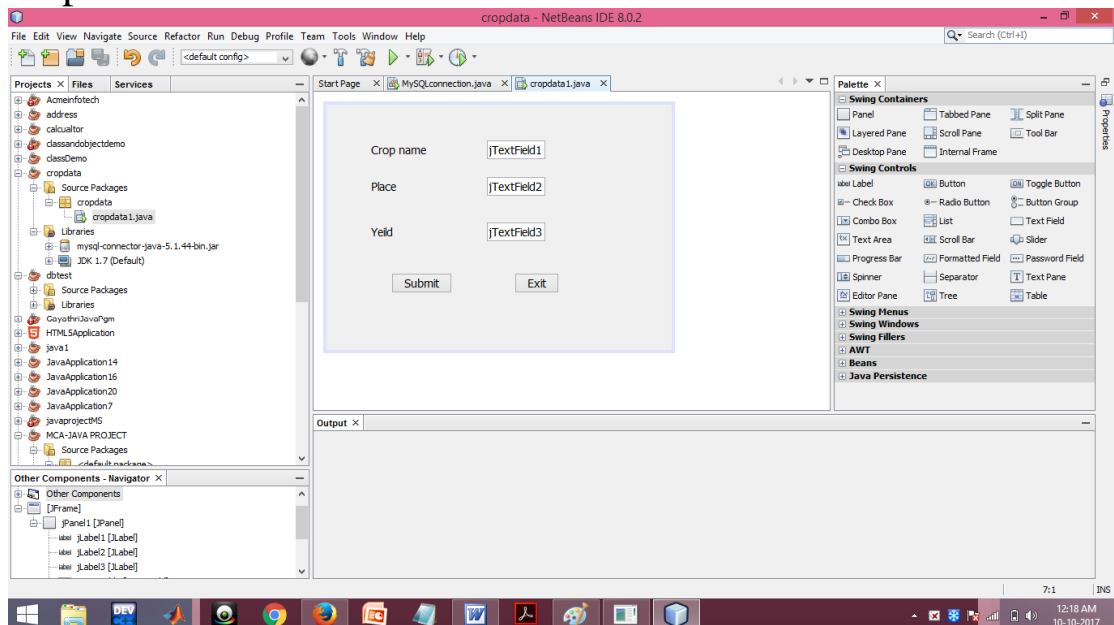
mysql>

```

```
mysql> select * from crop;
+-----+-----+-----+
| cropname | place   | yeild |
+-----+-----+-----+
| paddy    | Vellore | 25000 |
| wheat    | Punjab  | 30000 |
+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> _
```

4. Now come to netbeans -> create project -> create JFrame -> design a form with all the fields to be displayed as given in the crop table.



5. Download mysql-connector-java-5.1.44-bin.jar from the following website:

<https://www.mysql.com/products/connector/>

MySQL Connectors

MySQL provides standards-based drivers for JDBC, ODBC, and .Net enabling developers to build database applications in their language of choice. In addition, a native C library allows developers to embed MySQL directly into their applications.

Developed by MySQL	
ADO.NET Driver for MySQL (Connector/.NET)	Download
ODBC Driver for MySQL (Connector/ODBC)	Download
JDBC Driver for MySQL (Connector/J)	Download
Python Driver for MySQL (Connector/Python)	Download
C++ Driver for MySQL (Connector/C++)	Download
C Driver for MySQL (Connector/C)	Download
C API for MySQL (mysqlclient)	Download

MySQL :: Begin Your Download

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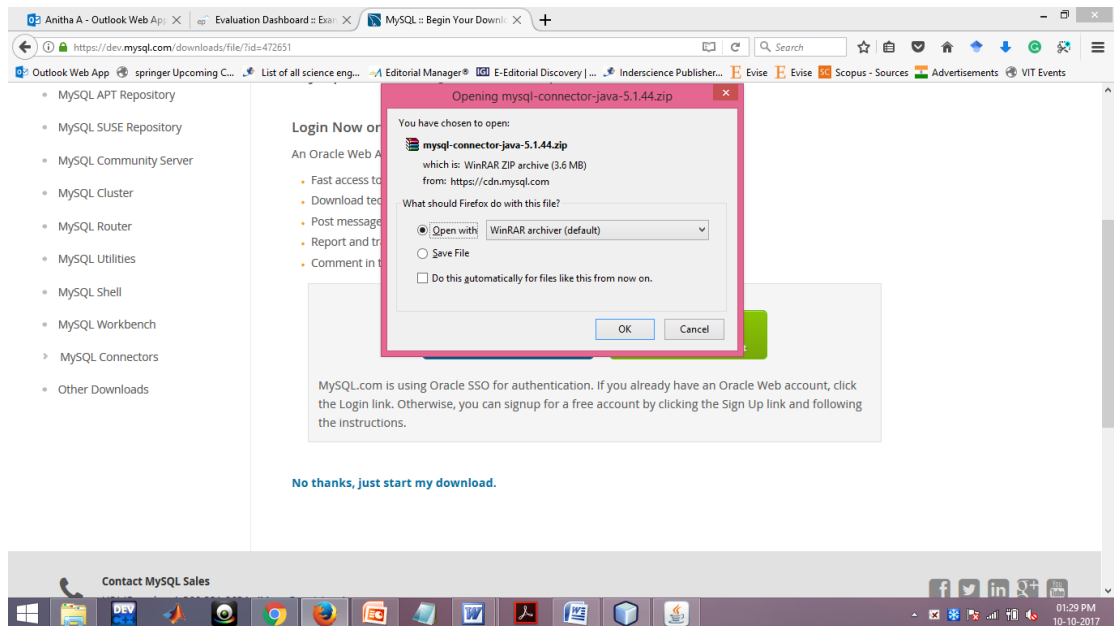
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- Report and track bugs in the MySQL bug system
- Comment in the MySQL Documentation

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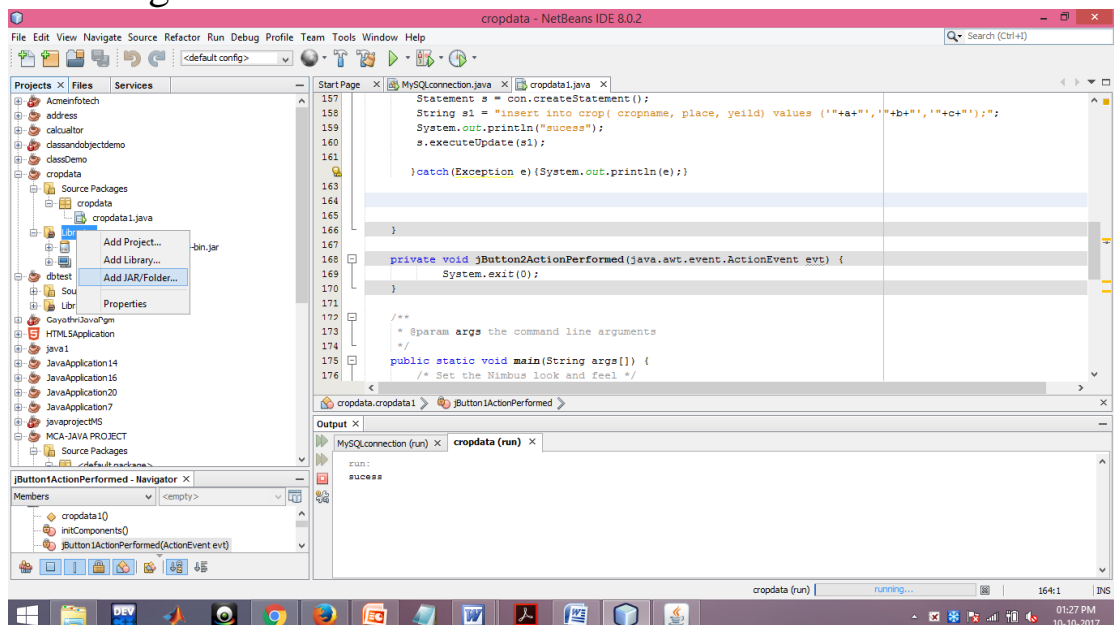
MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can sign up for a free account by clicking the Sign Up link and following the instructions.

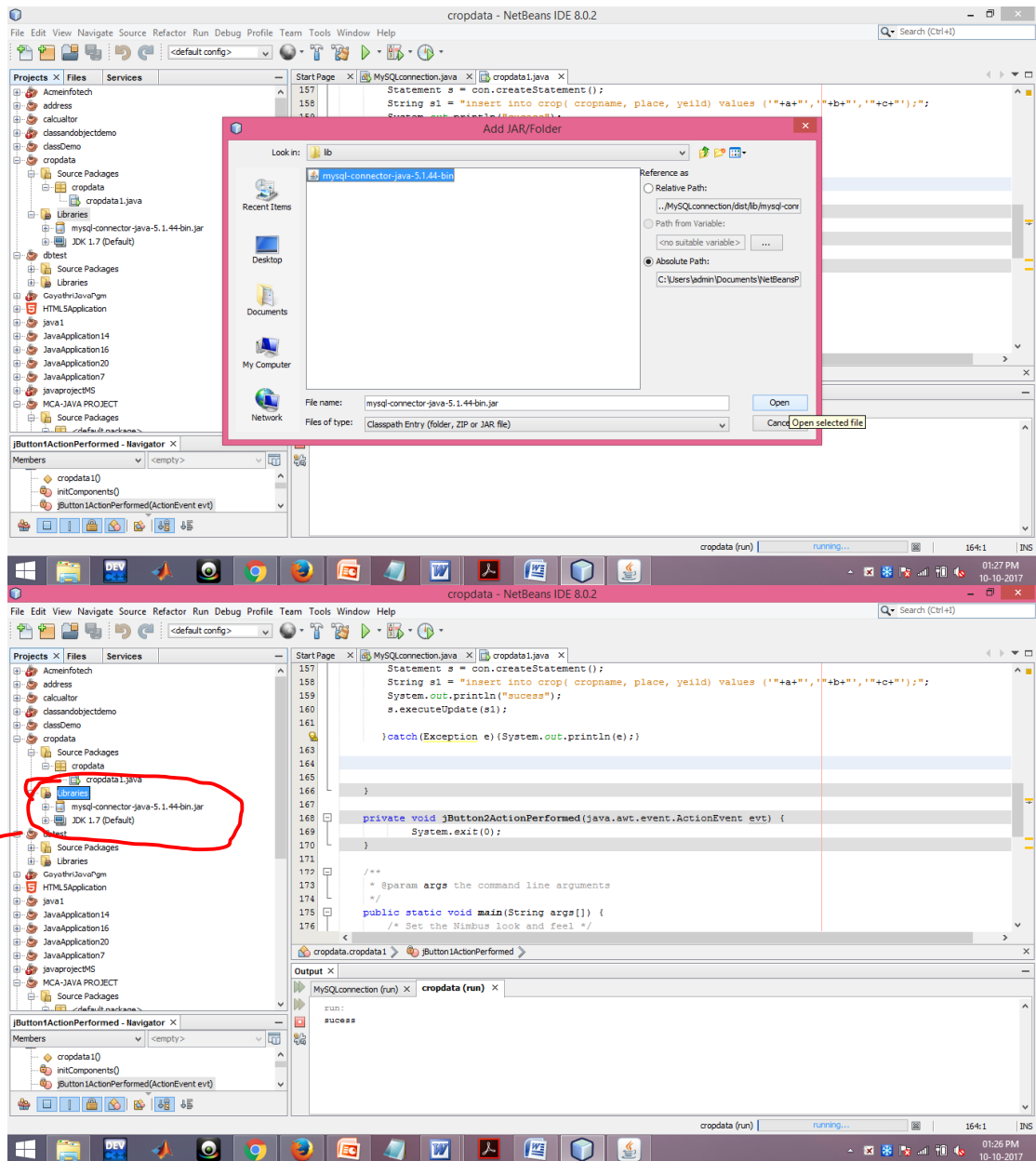
[No thanks, just start my download.](#)



Save the jar file in the place where your Net-beans project is saved

Once downloaded goto netbeans, then add library as given in below figure:





6. now goto Source and import java.sql.*; in netbeans

7. By clicking the submit button write these details:

```

private void
jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

```

```

String a = jTextField1.getText();
String b = jTextField2.getText();
String c = jTextField3.getText();

```

```

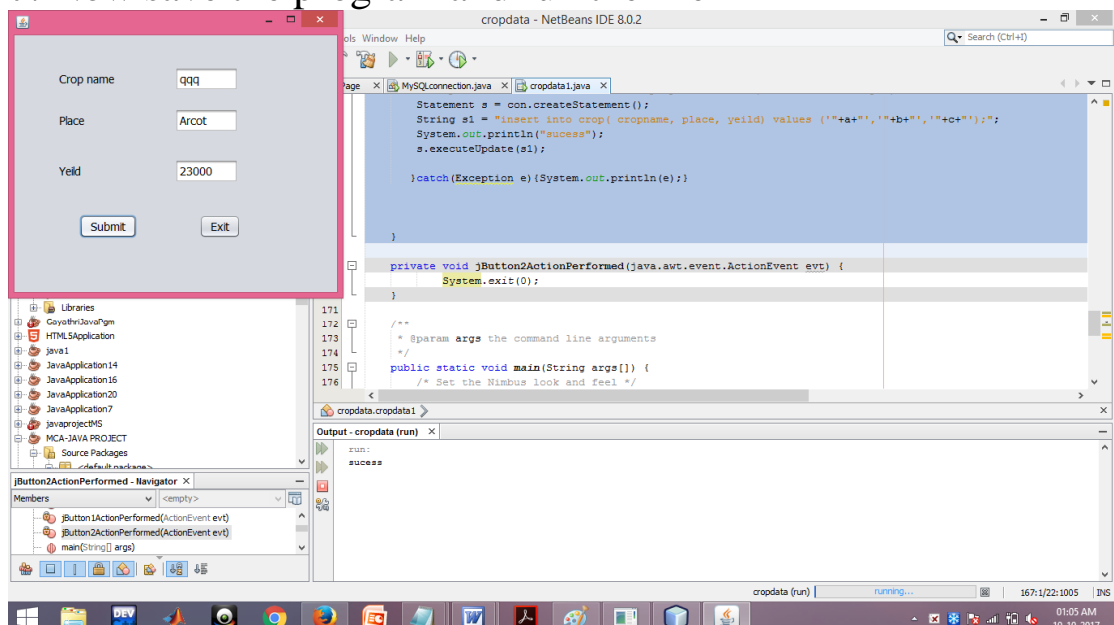
        try
        {
Class.forName("com.mysql.jdbc.Driver");
        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/cro
ps","root","");
        Statement s = con.createStatement();
        String s1 = "insert into crop( cropname, place, yeild) values
('"+a+"','"+b+"','"+c+"');";
        System.out.println("sucess");
        s.executeUpdate(s1);

    }catch(Exception e){System.out.println(e);}

}

```

7. Now save the program and run the file



8. You can now check the mysql console:

```
mysql> select * from crop;
+-----+-----+-----+
| cropname | place      | yeild |
+-----+-----+-----+
| paddy    | Vellore   | 25000 |
| wheat    | Punjab    | 30000 |
| rice     | Kanchipuram | 2000  |
+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from crop;
+-----+-----+-----+
| cropname | place      | yeild |
+-----+-----+-----+
| paddy    | Vellore   | 25000 |
| wheat    | Punjab    | 30000 |
| rice     | Kanchipuram | 2000  |
| aaa      | ppp       | 10000 |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> _
```

Can you see the last entered record was added to database?????????