***Prerequisite***

* MySQL's [Type 4 JDBC driver](http://javarevisited.blogspot.com/2012/05/different-types-of-jdbc-drivers-in-java.html) which is bundled in **mysql-connector-java-8.0.17.jar** (This can be downloaded from [https](https://mvnrepository.com/artifact/mysql/mysql-connector-java/8.0.17)**[://mvnrepository.com/artifact/mysql/mysql-connector-java/8.0.17](https://mvnrepository.com/artifact/mysql/mysql-connector-java/8.0.17))**

**For Maven you can include the following dependency: -**

<!-- https://mvnrepository.com/artifact/mysql/mysql-connector-java -->

<dependency>

<groupId>mysql</groupId>

<artifactId>mysql-connector-java</artifactId>

<version>8.0.17</version>

</dependency>

* Database with table to demonstrate query (Cinema database with few movies in the database)
* JDBC URL for eg :- (jdbc:<mysql://localhost:3306/test>)
* Username ("root”)
* Password ("root”)

In order connect to MYSQL through Java.

You need to Place the **mysql-connector-java-8.0.17.jar** file in your classpath

For Mac:-

export CLASSPATH=$CLASSPATH:/Users/anujrao/Downloads/mysql-connector-java-8.0.17.jar

For Windows:-

To set the classpath for the Windows XP Command Prompt:

* Select Start -> Control Panel -> System -> Advanced -> Environment Variables -> System Variables -> CLASSPATH.
* If the Classpath variable exists, prepend **the path to the jar file**  to the beginning of the CLASSPATH varible. Followed by ;
* If the CLASSPATH variable does not exist, select New. Type **CLASSPATH** for the variable name and give **the path to the jar file**
* Click OK three times.

For Plain Vanilla through command prompt:-

If you're doing it "plain vanilla" in the command console, then you need to specify the path to the JAR file in the -cp or -classpath argument when executing your Java application.

java -cp .;/path/to/mysql-connector.jar com.example.YourClass

The . is just there to add the *current* directory to the classpath as well so that it can locate com.example.YourClass and the ; is the classpath separator as it is in Windows. In Unix and clones : should be used.

Using IntelliJ IDEA

* Right click on the project 🡪Open Module Settings 🡪 Libraries
* Click on the ‘+’ sign 🡪 Java and then give the path of the jar file
* Click on Ok 🡪 Apply 🡪 Ok

Using Eclipse

* Right click on the project 🡪Properties 🡪 Java Build Path
* Click on the Libraries tab and select classpath
* Click Add External JARs and then give the path of the jar file
* Click on Apply and Close

You can find the Java code to select/insert/update or delete a record in MYSQL database in the src folder( find below the path )

<https://github.com/anujrao89/JDBCConnectivity/tree/master/JDBC_CONNECTIVITY/src>