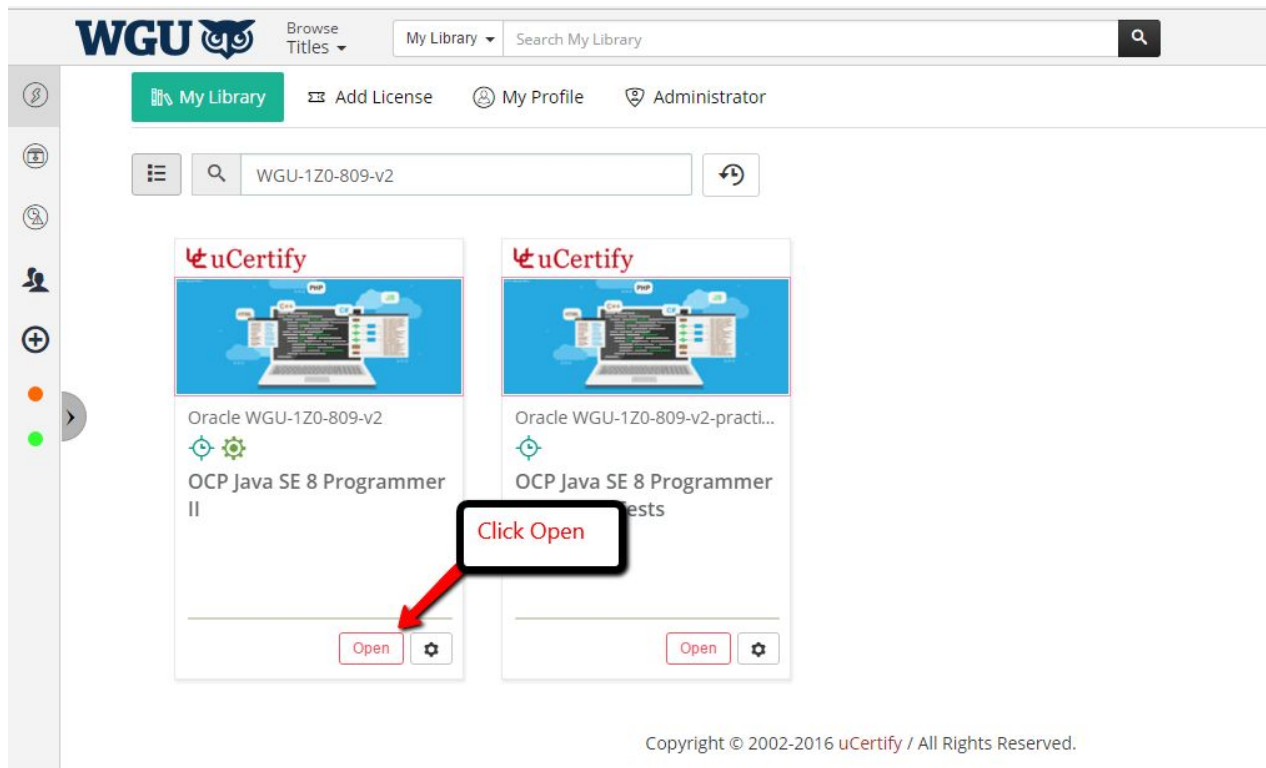
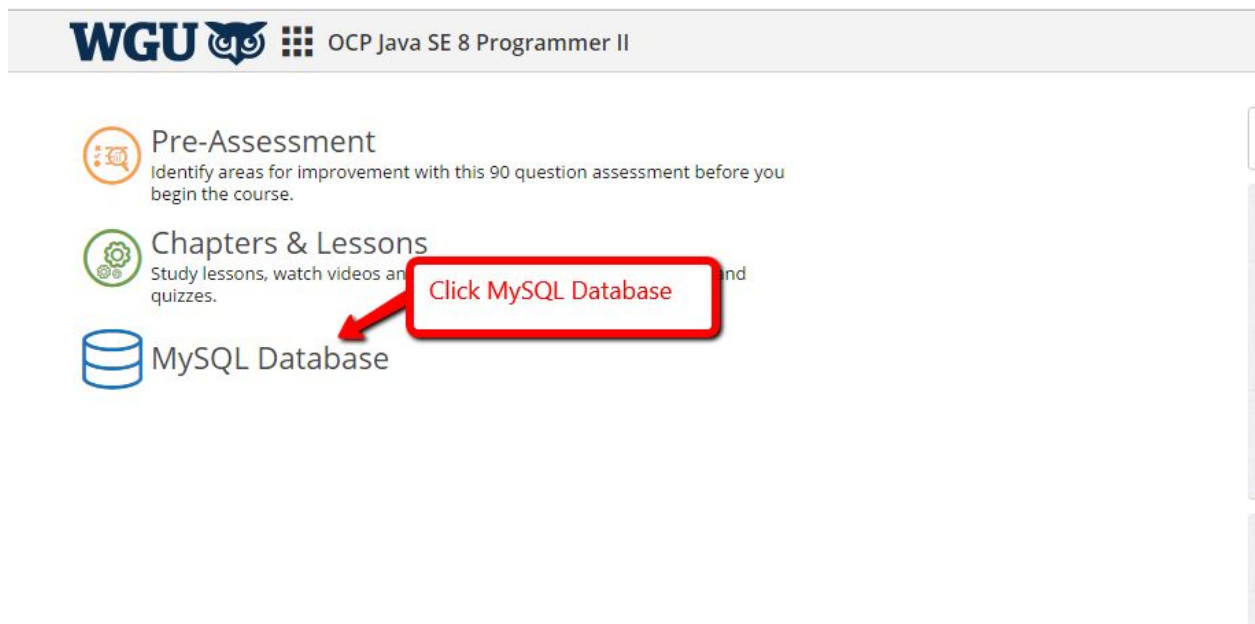


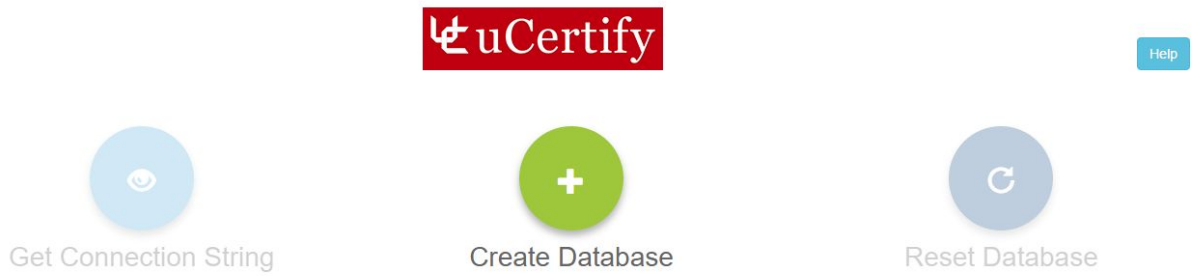
- Login to your uCertify account and go to **My Library**.
- Search the course and click **Open** to enter in the course.



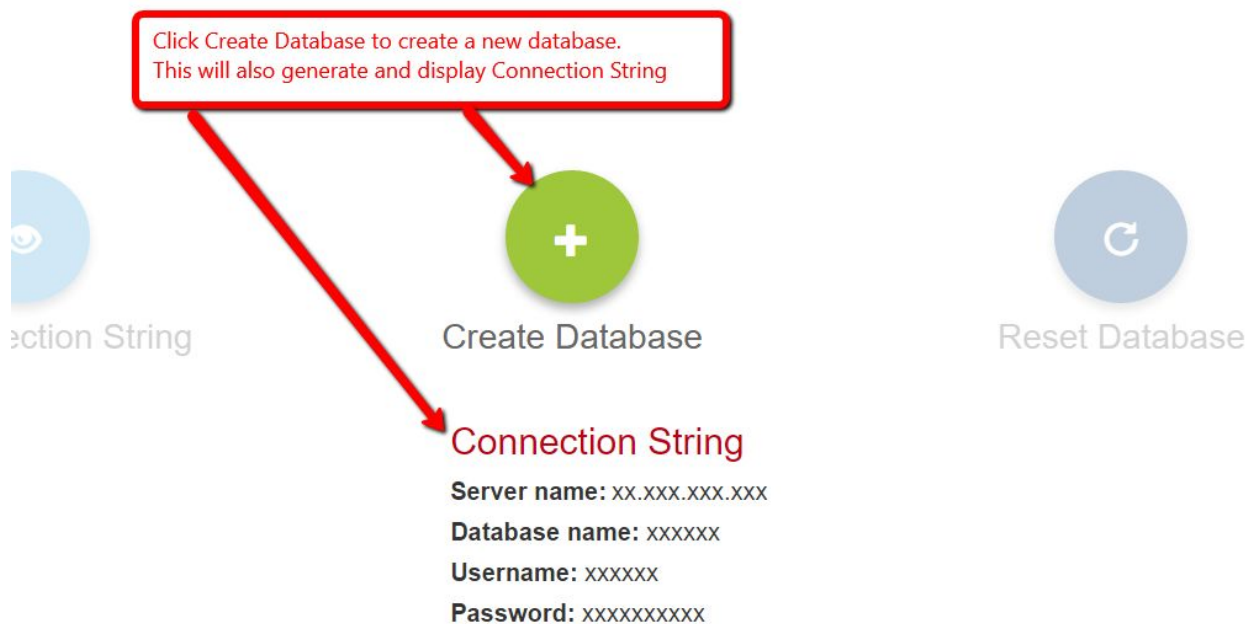
- Click **MySQL Database** to navigate the page.



- You will be redirected to this page.



- Click **Create Database** to create a new database and generate connection string.



- Click **Reset Database** to reset your database and get the connection string.
- If the Database already exists, you can generate the connection string by clicking **Get Connection String**.



Get Connection String

Click Get Connection String to get JDBC connection string



Create Database



Reset Database

Click Reset Database to reset the database. This will remove all your previously saved data

To test the Java Connection:

1. Go to <http://dev.mysql.com/downloads/connector/j/> and download the connector.

Enterprise Community Yum Repository APT Repository SUSE Repository Windows Archives MySQL.com Documentation Developer Zone

MySQL Cluster
MySQL Fabric
MySQL Router
MySQL Utilities
MySQL Shell
MySQL Workbench

MySQL Connectors
Connector/ODBC
Connector/Net
Connector/J
Connector/Node.js
Connector/Python
Connector/C++
Connector/C
MySQL Native Driver for PHP

Other Downloads

MySQL Connector/J X DevAPI Reference (requires Connector/J 6.0)
Change History

Please report any bugs or inconsistencies you observe to our Bugs Database.
Thank you for your support!

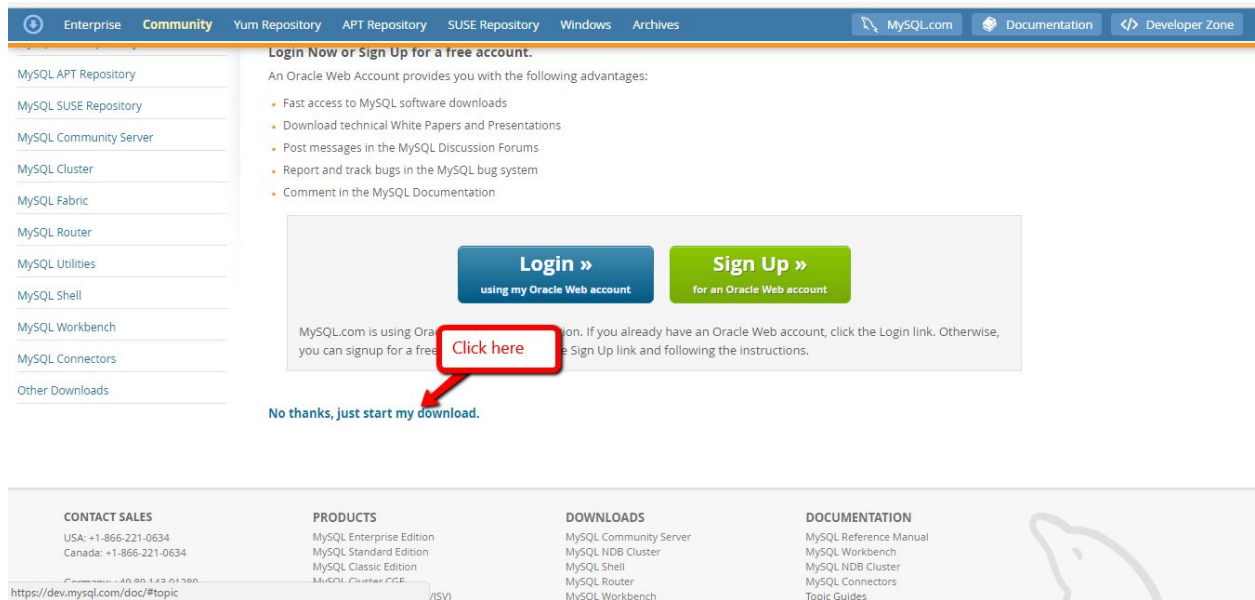
Generally Available (GA) Releases Development Releases

Connector/J 5.1.40

Select Platform:
Platform Independent

Platform Independent (Architecture Independent), Compressed TAR Archive (mysql-connector-java-5.1.40.tar.gz)	5.1.40	3.7M	Download
Platform Independent (Architecture Independent), ZIP Archive (mysql-connector-java-5.1.40.zip)	5.1.40	4.1M	Download

We suggest that you use the MD5 checksums and GnuPG signatures to verify the integrity of the packages you download.



2. Extract and copy **mysql-connector-java-5.1.40-bin** to **C:\java** folder. (Create a folder named java, if does not exists.)

3. Create a file named **TestConnection.java** inside **C:\Java** folder and paste the following content in that:

```
import java.sql.DriverManager;
import java.sql.Connection;
import java.sql.SQLException;
```

```
public class TestConnection {
```

```
    public static void main(String[] argv) throws ClassNotFoundException {
        Connection conn = null;
```

```
        String driver = "com.mysql.jdbc.Driver";
        String db = "xxxxxx";
        String url = "jdbc:mysql://xx.xxx.xxx.xxx/" + db;
        String user = "xxxxxx";
        String pass = "xxxxxx";
```

```
        try {
            Class.forName(driver);
            conn = DriverManager.getConnection(url,user,pass);
            System.out.println("Connected to database : " + db);
```

```

    } catch (SQLException e) {
        System.out.println("SQLException: "+e.getMessage());
        System.out.println("SQLState: "+e.getSQLState());
        System.out.println("VendorError: "+e.getErrorCode());
    }
}
}
}

```

Note- Replace string url, string db, string username and string password with the values in the connection string generated earlier.

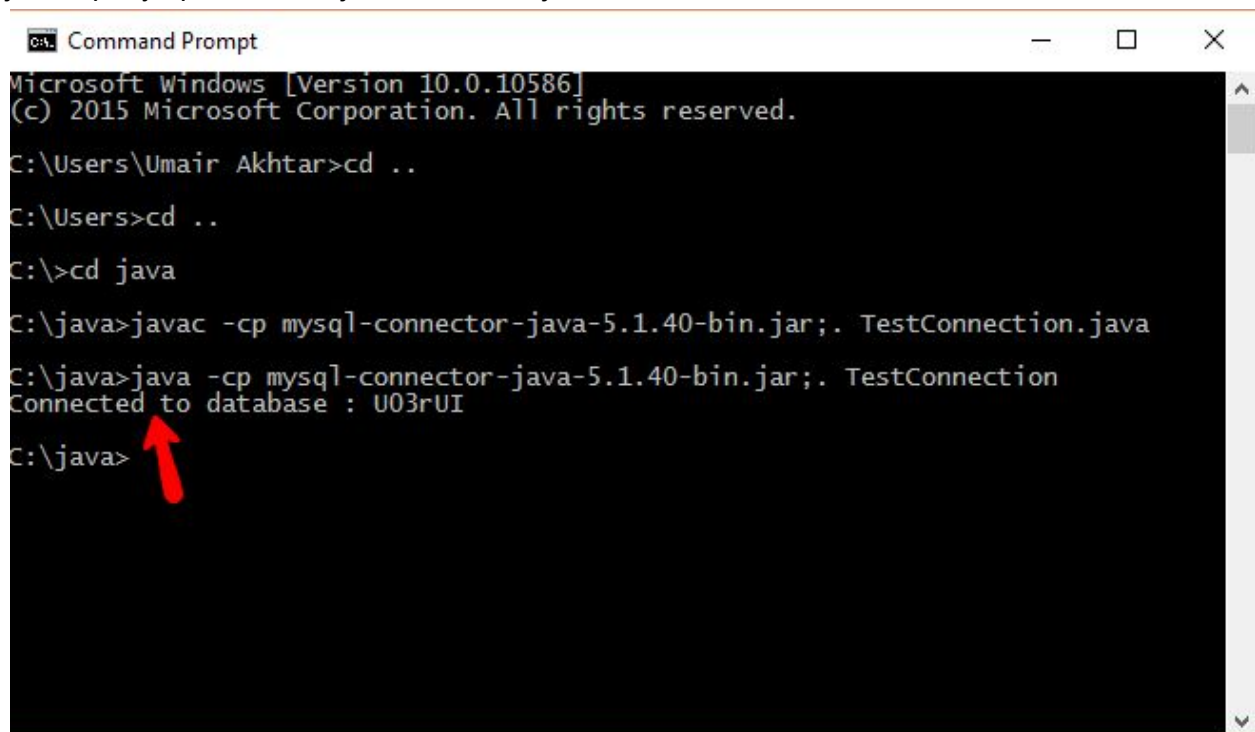
4. Open **Command Prompt** and go to **C:\java**.

Make sure java environment variables are set in your system.

5. Run the following Java commands:

```
javac -cp mysql-connector-java-5.1.40-bin.jar;. TestConnection.java
```

```
java -cp mysql-connector-java-5.1.40-bin.jar;. TestConnection
```



The screenshot shows a Windows Command Prompt window with the following text:

```

Microsoft Windows [Version 10.0.10586]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\Users\Umair Akhtar>cd ..
C:\Users>cd ..
C:\>cd java
C:\java>javac -cp mysql-connector-java-5.1.40-bin.jar;. TestConnection.java
C:\java>java -cp mysql-connector-java-5.1.40-bin.jar;. TestConnection
Connected to database : U03rUI
C:\java>

```

A red arrow points to the prompt 'C:\java>' on the last line.

After the execution of second command, you will get the result showing the connection is established with the database.