

eclipse2021 - mulesoft_submission/src/mulesoft_submission/dataset_0.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer: mulesoft_submission, src, data.java, dataset_0.java, dropper.java, storage.java

```
1 package mulesoft_submission;
2 import java.sql.Connection;
3 import java.sql.Driver;
4 import java.sql.DriverManager;
5 import java.sql.Statement;
6
7 public class dataset_0
8 {
9     public static void main(String[] args)
10    {
11        try
12        {
13            Connection con = null;
14            Driver d = new com.mysql.cj.jdbc.Driver();
15            DriverManager.registerDriver(d);
16            System.out.println("Driver Class Loading");
17            con = DriverManager.getConnection("jdbc:mysql://localhost:3306/", "root", "root");
18            Statement stmt = con.createStatement();
19            String sql = "CREATE DATABASE mulesoft_data";
20            stmt.executeUpdate(sql);
21            System.out.println("The Movie database named mulesoft_data has been successfully created.");
22            con.close();
23            con.close();
24        }
25
26        catch(Exception e) {
27            System.out.println(e);
28        }
29    }
30 }
```

Console:

```
<terminated> dataset_0 [Java Application] H:\directory\software\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_16.0.2.v20210721-1149\jre\bin\java.exe
Driver Class Loading
The Movie database named mulesoft_data has been successfully created.
```

Windows Taskbar: 10:26 PM 11/2/2021

eclipse2021 - mulesoft_submission/src/mulesoft_submission/storage.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer: mulesoft_submission, src, data.java, dataset_0.java, dropper.java, storage.java

```
1 package mulesoft_submission;
2 import java.sql.Connection;
3 import java.sql.Driver;
4 import java.sql.DriverManager;
5 import java.sql.Statement;
6
7 public class storage
8 {
9     public static void main(String[] args)
10    {
11        try
12        {
13            Connection con = null;
14            Driver d = new com.mysql.cj.jdbc.Driver();
15            DriverManager.registerDriver(d);
16            System.out.println("Driver Class Loaded");
17            con = DriverManager.getConnection("jdbc:mysql://localhost:3306/mulesoft_data","root","root");
18            Statement stmt = con.createStatement();
19            String sql = "CREATE TABLE movie_details " +
20                        "(name VARCHAR(255), " +
21                         " actor VARCHAR(255), " +
22                         " director VARCHAR(255), " +
23                         " year_of_release INTEGER, " +
24                         " PRIMARY KEY (name ))";
25            stmt.executeUpdate(sql);
26            System.out.println("Table has been created successfully...");
27            con.close();
28            con.close();
29        }
30
31        catch(Exception e) {
32            System.out.println(e);
33        }
34    }
35 }
```

Console:

```
<terminated> storage [Java Application] H:\directory\software\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_16.0.2.v20210721-1149\jre\bin\jav
Driver Class Loaded
Table has been created successfully...
```

Taskbar: 10:27 PM 11/2/2021

eclipse2021 - mulesoft_submission/src/mulesoft_submission/data.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer: mulesoft_submission, jfsd_skill, jfsd_skill_1, jfsd_skill_6, jfsdskill2, mulesoft_submission, src, mulesoft_submi, data.java, dataset_0.java, dropper.java, storage.java, JRE System Library, Referenced Libraries, myjavaProject, SDP3, spring_1

```
1 package mulesoft_submission;
2 import java.sql.Connection;
3 import java.sql.Driver;
4 import java.sql.DriverManager;
5 import java.sql.Statement;
6
7 public class data
8 {
9     public static void main(String[] args)
10    {
11        try
12        {
13            Connection con = null;
14            Driver d = new com.mysql.cj.jdbc.Driver();
15            DriverManager.registerDriver(d);
16            System.out.println("Driver class has been loaded");
17            con = DriverManager.getConnection("jdbc:mysql://localhost:3306/mulesoft_data","root","root");
18            Statement stmt1 = con.createStatement();
19            Statement stmt2 = con.createStatement();
20            Statement stmt3 = con.createStatement();
21            String sql1 = "insert into movie_details values('End Game','Robert Downey Jr.','Russo Brothers',2019)";
22            String sql2 = "insert into movie_details values('Interstellar','Matthew McConaughey','Christopher Nolan',2014)";
23            String sql3 = "insert into movie_details values('Gravity','Sandra Bullock','Alfonso Cuarón',2013)";
24            stmt1.executeUpdate(sql1);
25            stmt2.executeUpdate(sql2);
26            stmt3.executeUpdate(sql3);
27            System.out.println("Records have been inserted successfully.");
28            con.close();
29            con.close();
30        }
31    }
32    catch(Exception e) {
```

Console: <terminated> data [Java Application] H:\directory\software\eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_16.0.2.v20210721-1149\jre\bin\javaw
Driver class has been loaded
Records have been inserted successfully.

10:27 PM 11/2/2021


```
1 package mulesoft_submission;
2 import java.sql.Connection;
3 import java.sql.Driver;
4 import java.sql.DriverManager;
5 import java.sql.ResultSet;
6 import java.sql.Statement;
7
8 public class dropper
9 {
10     public static void main(String[] args)
11     {
12         try
13         {
14             Connection con = null;
15             Driver d = new com.mysql.cj.jdbc.Driver();
16             DriverManager.registerDriver(d);
17             System.out.println("Driver Class Loaded");
18             con = DriverManager.getConnection("jdbc:mysql://localhost:3306/mulesoft_data","root","root");
19             Statement stmt1 = con.createStatement();
20             String sql1 = "select * from movie_details";
21             ResultSet rs = stmt1.executeQuery(sql1);
22             while(rs.next())
23             {
24                 System.out.print("Name: " + rs.getString("name"));
25                 System.out.print(", Actor: " + rs.getString("actor"));
26                 System.out.println(", Director: " + rs.getString("director"));
27                 System.out.println(", Year of Release : " + rs.getInt("year_of_release"));
28             }
29             con.close();
30         }
31     }
32     catch(Exception e) {
```

Console

<terminated> dropper [Java Application] H:\directory\software\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_16.0.2.v20210721-1149\jre\bin\java

Driver Class Loaded

Name: End Game, Actor: Robert Downey Jr., Director: Russo Brothers
, Year of Release : 2019

Name: Gravity, Actor: Sandra Bullock, Director: Alfonso Cuarón
, Year of Release : 2013

Name: Interstellar, Actor: Matthew McConaughey, Director: Christopher Nolan
, Year of Release : 2014



```
1 package mulesoft_submission;
2 import java.sql.Connection;
3 import java.sql.Driver;
4 import java.sql.DriverManager;
```

```
5 MySQL 8.0 Command Line Client
```

```
6 | mulesoft_data |
7 | mysql |
8 | performance_schema |
9 | sakila |
10 | sys |
11 | world |
```

```
11 rows in set (0.02 sec)
```

```
12 mysql> use mulesoft_data;
```

```
13 Database changed
```

```
14 mysql> show tables;
```

```
15 +-----+
16 | Tables_in_mulesoft_data |
17 +-----+
18 | movie_details |
19 +-----+
```

```
1 row in set (0.00 sec)
```

```
20 mysql> select * from movie_details;
```

```
21 +-----+-----+-----+-----+
22 | name | actor | director | year_of_release |
23 +-----+-----+-----+-----+
24 | End Game | Robert Downey Jr. | Russo Brothers | 2019 |
25 | Gravity | Sandra Bullock | Alfonso Cuarón | 2013 |
26 | Interstellar | Matthew McConaughey | Christopher Nolan | 2014 |
27 +-----+-----+-----+-----+
```

```
3 rows in set (0.00 sec)
```

```
28 mysql>
```

```
29 con.close();
```

```
30 }
```

```
31
32 catch(Exception e) {
```

```
data","root","root");
```

```
se"));
```

MySQL 8.0 Command Line Client

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 25

Server version: 8.0.26 MySQL Community Server - GPL

Copyright (c) 2000, 2021, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

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

mysql> show databases;

Database
database_0
dwm
ecommerce
ecommerce1
information_schema
mulesoft_data
mysql
performance_schema
sakila
sys
world

11 rows in set (0.02 sec)

mysql> use mulesoft_data;

Database changed

mysql> show tables;

Tables_in_mulesoft_data
movie_details

1 row in set (0.00 sec)

mysql> select * from movie_details;

name	actor	director	year_of_release
End Game	Robert Downey Jr.	Russo Brothers	2019
Gravity	Sandra Bullock	Alfonso Cuarón	2013
Interstellar	Matthew McConaughey	Christopher Nolan	2014

3 rows in set (0.00 sec)

