

```

1 package JDBCconnectivity;
2 import java.sql.*;
3
4 public class JDBCExample {
5     // JDBC driver name and database URL
6     static final String JDBC_DRIVER = "com.mysql.cj.jdbc.Driver";
7     static final String DB_URL = "jdbc:mysql://localhost:3306/employee"; // Update with your database URL
8
9     // Database credentials
10    static final String USER = "root"; // Update with your username
11    static final String PASS = "Kiruba*0106"; // Update with your password
12
13    public static void main(String[] args) {
14        Connection conn = null;
15        Statement stmt = null;
16        try {
17            // Register JDBC driver
18            Class.forName(JDBC_DRIVER);
19
20            // Open a connection
21            System.out.println("Connecting to database...");
22            conn = DriverManager.getConnection(DB_URL, USER, PASS); // Establishing connection using USER and PASS
23
24            // Create a statement
25            System.out.println("Creating statement...");
26            stmt = conn.createStatement();
27
28            // Insert data into the employees table
29            String sql = "INSERT INTO employees (empcode, empname, empage, esalary) VALUES " +
30                "(101, 'Jenny', 25, 10000), " +
31                "(102, 'Jacky', 30, 20000), " +
32                "(103, 'Joe', 20, 40000), " +
33                "(104, 'John', 40, 80000), " +
34                "(105, 'Shameer', 25, 90000) " +
35                "ON DUPLICATE KEY UPDATE empname=VALUES(empname), empage=VALUES(empage), esalary=VALUES(esalary)";
36
37            // Execute the SQL statement
38            int rowsInserted = stmt.executeUpdate(sql);
39
40

```

```

// Insert data into the employees table
String sql = "INSERT INTO employees (empcode, empname, empage, esalary) VALUES " +
    "(101, 'Jenny', 25, 10000), " +
    "(102, 'Jacky', 30, 20000), " +
    "(103, 'Joe', 20, 40000), " +
    "(104, 'John', 40, 80000), " +
    "(105, 'Shameer', 25, 90000) " +
    "ON DUPLICATE KEY UPDATE empname=VALUES(empname), empage=VALUES(empage), esalary=VALUES(esalary)";

// Execute the SQL statement
int rowsInserted = stmt.executeUpdate(sql);

// Print the number of rows inserted
System.out.println(rowsInserted + " rows inserted.");

} catch (SQLException se) {
    // Handle errors for JDBC
    se.printStackTrace();
} catch (Exception e) {
    // Handle errors for Class.forName
    e.printStackTrace();
} finally {
    // Finally block used to close resources
    try {
        if (stmt != null) stmt.close();
    } catch (SQLException se) {
        se.printStackTrace();
    }
    try {
        if (conn != null) conn.close();
    } catch (SQLException se) {
        se.printStackTrace();
    }
}
System.out.println("Thank you!"); // Print a closing message
}

```

Connecting to database...

Creating statement...

5 rows inserted.

Thank you!

1 • SELECT * FROM employee.employees;

Result Grid



Filter Rows:

Edit:



Export/Import:



Wrap Cell Content

	empcode	emprname	empage	esalary
▶	101	Jenny	25	10000
	102	Jacky	30	20000
	103	Joe	20	40000
	104	John	40	80000
	105	Shameer	25	90000
•	NULL	NULL	NULL	NULL