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Tugas 8

Source Code :

```
1.  /*
2.  * To change this license header, choose License Headers in Project Properties.
3.  * To change this template file, choose Tools | Templates
4.  * and open the template in the editor.
5.  */
6.  package mod8;
7.
8.  import java.sql.*;
9.  /**
10.   *
11.   * @author Irfan
12.   */
13.
14.
15. public class Mod8{
16.     /* Run this Sql Firste
17.     Create database praktikum;
18.     create table praktikum.person(
19.     id int NOT NULL AUTO_INCREMENT,
20.     name varchar(255),
21.     score int(10);
22.     PRIMARY KEY(id)
23.     );
24.     */
25.     public static void main(String[] args) {
26.         try{
27.             Class.forName("com.mysql.jdbc.Driver");
28.             //make connection
29.             Connection conn = DriverManager.getConnection(
30.                 "jdbc:mysql://localhost/praktikum","root","");
31.             //make statement
32.             Statement stmt = conn.createStatement();
33.             //insert(1, tono, 20), (2, toni, 50), (3, tini, 80),
34.             String sql = "INSERT INTO person(id, name, score) VALUES (1, \"Tono\", 20), (
35.                 2, \"Toni\", 50), (3, \"Tini\", 80), (4, \"Tino\",50)";
36.             stmt.executeUpdate(sql);
37.             //executeUpdate
38.             sql = "UPDATE person SET score=60, name=\"Tono Martono\" WHERE id = 1";
39.             stmt.executeUpdate(sql);
40.             //delete
41.             sql = "DELETE FROM person WHERE id = 2";
42.             stmt.executeUpdate(sql);
43.             //select, order by score
44.             sql = "SELECT id, name, score FROM person order by score";
45.             ResultSet rs = stmt.executeQuery(sql);
46.             while(rs.next()){
47.                 int id = rs.getInt("id");
48.                 String name = rs.getString("name");
49.                 int score = rs.getInt("score");
50.                 System.out.println(id+ "\t" + name + "\t"+ score);
51.             }
52.         }catch(Exception e){
53.             System.out.println(e.getMessage());
54.         }
```

```
54. }  
55. }  
56.  
57.
```

Output :

```
run:  
4      Aldian  50  
1      Tono Martono  60  
3      panji    80  
BUILD SUCCESSFUL (total time: 1 second)
```