Java Week 11 : Q3

Due on 2020-12-03, 23:59 IST

Write the appropriate code in order to **delete the following data in the table '*PLAYERS*'.**

Column	UID	First_Name	Last_Name	Age
Delete	1	Rama	Gopala	24

Private Test cases used for evaluation	Input	Expected Output	Actual Output	Status
Test Case 1		2 John Mayer 22	2 John Mayer 22\n	Passed

The due date for submitting this assignment has passed.
1 out of 1 tests passed.
You scored 100.0/100.

Assignment submitted on 2020-11-25, 20:44 IST

Your last recorded submission was :

```java
import java.sql.*;
import java.lang.*;
public class DeleteData {
    public static void main(String args[]) {
        try {
              Connection conn = null;
              Statement stmt = null;
              String DB_URL = "jdbc:sqlite:/tempfs/db";
              System.setProperty("org.sqlite.tmpdir", "/tempfs");
              String query="";

              // Open a connection
              conn = DriverManager.getConnection(DB_URL);
              stmt = conn.createStatement();
String CREATE_TABLE_SQL="CREATE TABLE players ( UID INT, first_name VARCHAR(45), last_name VARCHAR(45), age INT);";
             stmt.executeUpdate(CREATE_TABLE_SQL);
             query = " insert into Players (UID, first_name, last_name, age)"  + " values (?, ?, ?, ?)";
             PreparedStatement preparedStmt = conn.prepareStatement(query);
             preparedStmt.setInt (1, 1);
             preparedStmt.setString (2, "Rama");
             preparedStmt.setString (3, "Gopala");
             preparedStmt.setInt(4, 24);
             preparedStmt.execute();
             preparedStmt.setInt (1, 2);
             preparedStmt.setString (2, "John");
             preparedStmt.setString   (3, "Mayer");
             preparedStmt.setInt(4, 22);
             preparedStmt.execute();

// Execute the command in order to delete a row from the table.

stmt.executeUpdate("DELETE FROM Players WHERE UID = 1;");
/*ResultSet rs = stmt.executeQuery("SELECT * FROM players;");
             while(rs.next())
                 System.out.println(rs.getInt(1)+"  "+rs.getString(2)+"  "+rs.getString(3)+"  "+rs.getString(4));
             conn.close();
             */
ResultSet rs = stmt.executeQuery("SELECT * FROM players;");
             while(rs.next())
                 System.out.println(rs.getInt(1)+"  "+rs.getString(2)+"  "+rs.getString(3)+"  "+rs.getString(4));
             conn.close();
                 }
                 catch(Exception e){ System.out.println(e);}
    }
}
```

Sample solutions (Provided by instructor)

```java
import java.sql.*;
import java.lang.*;
public class DeleteData {
    public static void main(String args[]) {
        try {
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             preparedStmt.setInt(4, 24);
             preparedStmt.execute();
             preparedStmt.setInt (1, 2);
             preparedStmt.setString (2, "John");
             preparedStmt.setString   (3, "Mayer");
             preparedStmt.setInt(4, 22);
             preparedStmt.execute();

// Execute the command to delete a row form the table
stmt.executeUpdate("DELETE FROM Players WHERE UID = 1;");
ResultSet rs = stmt.executeQuery("SELECT * FROM players;");
             while(rs.next())
                 System.out.println(rs.getInt(1)+"  "+rs.getString(2)+"  "+rs.getString(3)+"  "+rs.getString(4));
             conn.close();
                 }
                 catch(Exception e){ System.out.println(e);}
    }
}
```