

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 :

```
1 import java.sql.*;
2 import java.lang.*;
3 public class DeleteData {
4     public static void main(String args[]) {
5         try {
6             Connection conn = null;
7             Statement stmt = null;
8             String DB_URL = "jdbc:sqlite:/tempfs/db";
9             System.setProperty("org.sqlite.tmpdir", "/tempfs");
10            String query = "";
11
12            // Open a connection
13            conn = DriverManager.getConnection(DB_URL);
14            stmt = conn.createStatement();
15            String CREATE_TABLE_SQL = "CREATE TABLE players ( UID INT, first_name VARCHAR(45), last_name VARCHAR(45), age INT);";
16            stmt.executeUpdate(CREATE_TABLE_SQL);
17            query = " insert into Players (UID, first_name, last_name, age)" + " values (?, ?, ?, ?)";
18            PreparedStatement preparedStmt = conn.prepareStatement(query);
19            preparedStmt.setInt(1, 1);
20            preparedStmt.setString(2, "Rama");
21            preparedStmt.setString(3, "Gopala");
22            preparedStmt.setInt(4, 24);
23            preparedStmt.executeUpdate();
24            preparedStmt.setInt(1, 2);
25            preparedStmt.setString(2, "John");
26            preparedStmt.setString(3, "Mayer");
27            preparedStmt.setInt(4, 22);
28            preparedStmt.executeUpdate();
29
30            // Execute the command in order to delete a row from the table.
31            stmt.executeUpdate("DELETE FROM Players WHERE UID = 1;");
32            /*ResultSet rs = stmt.executeQuery("SELECT * FROM players;");
33            while(rs.next())
34                System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getString(3)+" "+rs.getString(4));
35            conn.close();
36            */
37            ResultSet rs = stmt.executeQuery("SELECT * FROM players;");
38            while(rs.next())
39                System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getString(3)+" "+rs.getString(4));
40            conn.close();
41        } catch (Exception e) { System.out.println(e); }
42    }
43 }
44
45 }
```

Sample solutions (Provided by instructor)

```
1 import java.sql.*;
2 import java.lang.*;
3 public class DeleteData {
4     public static void main(String args[]) {
5         try {
6             Connection conn = null;
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26            preparedStmt.setString(3, "Mayer");
27            preparedStmt.setInt(4, 22);
28            preparedStmt.executeUpdate();
29
30            // Execute the command to delete a row from the table
31            stmt.executeUpdate("DELETE FROM Players WHERE UID = 1;");
32            ResultSet rs = stmt.executeQuery("SELECT * FROM players;");
33            while(rs.next())
34                System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getString(3)+" "+rs.getString(4));
35            conn.close();
36        } catch (Exception e) { System.out.println(e); }
37    }
38 }
39 }
```

Course outline

How does an NPTEL online course work?

Week 0 : Assignment 0

Week 1 :

Week 2 :

Week 3 :

Week 4 :

Week 5 :

Week 6 :

Week 7 :

Week 8 :

Week 9 :

Week 10 :

Week 11 :

Lecture 51 : JDBC—II

Lecture 52 : JDBC—III

Lecture 53 : Demonstration —XX

Lecture 54 : Demonstration —XXI

Lecture 55 : Demonstration —XXII

Quiz: Assignment 11

Java Week 11 : Q1

Java Week 11 : Q2

Java Week 11 : Q3

Java Week 11 : Q4

Java Week 11 : Q5

Feedback For Week 11

Week 12 :

Solution

DOWNLOAD VIDEOS

Text Transcripts

Programming Test - (April 11 - 10AM - 12 PM)

Programming Test - (April 11 - 8PM - 10 PM)

