Java Week 11 : Q1

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)

Complete the code segment **to insert the following data using prepared statement in the existing table '*PLAYERS*'**.

Column	UID	First_Name	Last_Name	Age
Row 1	1	Ram	Gopal	26
Row 2	2	John	Mayer	22

Private Test cases used for evaluation	Input	Expected Output	Actual Output	Status
Test Case 1		1 Ram Gopal 26\n 2 John Mayer 22	NA	Not able to run

The due date for submitting this assignment has passed.
0 out of 1 tests passed.
You scored 0.0/100.

Assignment submitted on 2020-11-25, 20:38 IST

Your last recorded submission was :

```java
1  import java.sql.*;
2  import java.lang.*;
3  public class InsertData {
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
11             // Open a connection
12             conn = DriverManager.getConnection(DB_URL);
13             stmt = conn.createStatement();
14 // The statement containing SQL command to create table "players"
15 String CREATE_TABLE_SQL="CREATE TABLE players (UID INT, First_Name VARCHAR(45), Last_Name VARCHAR(45), Age INT);";
16 // Execute the statement containing SQL command
17 stmt.executeUpdate(CREATE_TABLE_SQL);
18 // Write code here…
19
20 String CREATE_TABLE_SQL="CREATE TABLE players (UID INT, First_Name VARCHAR(45), Last_Name VARCHAR(45), Age INT);";
21 // Execute the statement containing SQL command
22 stmt.executeUpdate(CREATE_TABLE_SQL);
23 String query = " insert into PLAYERS (UID, first_name, last_name, age)"  + " values (?, ?, ?, ?)";
24
25             PreparedStatement preparedStmt = conn.prepareStatement(query);
26             preparedStmt.setInt (1, 1);
27             preparedStmt.setString (2, "Ram");
28             preparedStmt.setString (3, "Gopal");
29             preparedStmt.setInt(4, 26);
30
31             preparedStmt.execute();
32
33             preparedStmt.setInt (1, 2);
34             preparedStmt.setString (2, "John");
35             preparedStmt.setString   (3, "Mayer");
36             preparedStmt.setInt(4, 22);
37
38             preparedStmt.execute();
39
40 //Evaluation Portion
41
42             ResultSet rs = stmt.executeQuery("SELECT * FROM players;");
43             while(rs.next())
44                 System.out.println(rs.getInt(1)+"  "+rs.getString(2)+"  "+rs.getString(3)+"  "+rs.getString(4));
45             conn.close();
46 //Evaluation Portion
47
48             ResultSet rs = stmt.executeQuery("SELECT * FROM players;");
49             while(rs.next())
50                 System.out.println(rs.getInt(1)+"  "+rs.getString(2)+"  "+rs.getString(3)+"  "+rs.getString(4));
51             conn.close();
52
53             }catch(Exception e){ System.out.println(e);}
54     }
55 }
```

Sample solutions (Provided by instructor)

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33              preparedStmt.execute();
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43      }
44 }
```