

Java Week 10: Q2

Due on 2020-11-26, 23:59 IST

Write the JDBC codes needed to **create a Connection interface using the DriverManager class and the variable DB_URL. Check whether the connection is successful using 'isAlive(timeout)' method to generate the output, which is either 'true' or 'false'.**

Note the following points carefully:

1. Name the connection object as 'conn' only.
2. Use timeout value as 1.

Private Test cases used for evaluation

Test Case 1

Input	Expected Output	Actual Output	Status
7	truefalse	truefalse	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, 20:02 IST

Your last recorded submission was :

```

1 import java.sql.*;
2 import java.lang.*;
3 import java.util.Scanner;
4 public class Question102 {
5     public static void main(String args[]) {
6         try {
7             Connection conn = null;
8             Statement stmt = null;
9             String DB_URL = "jdbc:sqlite:/tempfs/db";
10            System.setProperty("org.sqlite.tmpdir", "/tempfs");
11
12            // Open a connection and check connection status
13            conn = DriverManager.getConnection(DB_URL);
14            System.out.print(conn.isValid(1));
15            // Private test case
16            /* Scanner sc = new Scanner(System.in);
17             int s=sc.nextInt();
18             if(s==7){
19                 conn.close();
20                 System.out.print(conn.isValid(1));
21             }
22             */
23            // Private test case
24            Scanner sc = new Scanner(System.in);
25            int s=sc.nextInt();
26            if(s==7){
27                conn.close();
28                System.out.print(conn.isValid(1));
29            }
30        }
31        catch(Exception e){ System.out.println(e);}
32    }
33 }
34
35
```

Sample solutions (Provided by instructor)

```

1 import java.sql.*;
2 import java.lang.*;
3 import java.util.Scanner;
4 public class Question102 {
5     public static void main(String args[]) {
6         try {
7             Connection conn = null;
8             Statement stmt = null;
9             String DB_URL = "jdbc:sqlite:/tempfs/db";
10            System.setProperty("org.sqlite.tmpdir", "/tempfs");
11
12            // Open a connection
13            conn = DriverManager.getConnection(DB_URL);
14            System.out.print(conn.isValid(1));
15
16            // Private test case
17            Scanner sc = new Scanner(System.in);
18            int s=sc.nextInt();
19            if(s==7){
20                conn.close();
21                System.out.print(conn.isValid(1));
22            }
23        }
24        catch(Exception e){ System.out.println(e);}
25    }
26 }
27
28
29
```

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 :

• Lecture 46: Demonstration- XVII

• Lecture 47: Demonstration- XVIII

• Lecture 48: Java Networking

• Lecture 49: Demonstration- XIX

• Lecture 50: JDBC—I

• Quiz: Assignment 10

• Java Week 10: Q1

• Java Week 10: Q2

• Java Week 10: Q3

• Java Week 10: Q4

• Java Week 10: Q5

• Feedback For Week 10

Week 11 :

Week 12 :

Solution

DOWNLOAD VIDEOS

Text Transcripts

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

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