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**NPTEL** (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » **Programming in Java (course)**

Announcements (announcements)

**About the Course** ([https://swayam.gov.in/nd1\\_noc20\\_cs08/preview](https://swayam.gov.in/nd1_noc20_cs08/preview))    Ask a Question (forum)

Progress (student/home)    Mentor (student/mentor)

## Course outline

How does an NPTEL online course work?

Week 0 :

Week 1 :

Week 2 :

Week 3 :

Week 4 :

Week 5 :

Week 6 :

Week 7 :

Week 8 :

Week 9 :

Week 10 :

# Java Week 10: Q4

**Due on 2020-04-09, 23:59 IST**

 Complete the code segment to create a new table named '*PLAYERS*' in SQL database using the following information.

Column	UID	First_Name	Last_Name	Age
Type	Integer	Varchar (45)	Varchar (45)	Integer

## Sample Test Cases

Input    Output

Test Case 1

1

```
No. of columns : 4
Column 1 Name: UID
Column 1 Type : INT
Column 2 Name: First_Name
Column 2 Type : VARCHAR
Column 3 Name: Last_Name
Column 3 Type : VARCHAR
Column 4 Name: Age
Column 5 Type : INT
```

○ Lecture 46 :  
Demonstration-  
XVII (unit?  
unit=11&lesson=60)

○ Lecture 47 :  
Demonstration-  
XVIII (unit?  
unit=11&lesson=61)

○ Lecture 48 :  
Networking  
with Java  
(unit?  
unit=11&lesson=62)

○ Lecture 49 :  
Demonstration-  
XIX (unit?  
unit=11&lesson=63)

○ Lecture 50 :  
JDBC—I (unit?  
unit=11&lesson=64)

● Quiz :  
Assignment 10  
(assessment?  
name=173)

○ Java Week 10:  
Q1  
(/noc20\_cs08/progassign  
name=174)

○ Java Week 10:  
Q2  
(/noc20\_cs08/progassign  
name=175)

○ Java Week 10:  
Q3  
(/noc20\_cs08/progassign  
name=176)

○ Java Week  
10: Q4  
(/noc20\_cs08/progassign  
name=179)

○ Java Week 10:  
Q5  
(/noc20\_cs08/progassignment?  
name=180)

○ Feedback For  
Week 10 (unit?  
unit=11&lesson=188)

**Week 11 :**

Test Case 2

1

No. of columns : 4  
Column 1 Name: UID  
Column 1 Type : INT  
Column 2 Name: First\_Name  
Column 2 Type : VARCHAR  
Column 3 Name: Last\_Name  
Column 3 Type : VARCHAR  
Column 4 Name: Age  
Column 5 Type : INT

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

Sample solutions (Provided by instructor)

```

1 import java.sql.*;
2 import java.lang.*;
3 public class CreateTable {
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
15             // The statement containing SQL command to create table "players"
16             String CREATE_TABLE_SQL="CREATE TABLE players (UID INT, First_Name VARCHAR(4
17             // Execute the statement containing SQL command
18             stmt.executeUpdate(CREATE_TABLE_SQL);
19
20             ResultSet rs = stmt.executeQuery("SELECT * FROM players;");
21             ResultSetMetaData rsmd = rs.getMetaData();
22             System.out.println("No. of columns : " + rsmd.getColumnCount());
23             System.out.println("Column 1 Name: " + rsmd.getColumnName(1));
24             System.out.println("Column 1 Type : " + rsmd.getColumnTypeName(1));
25             System.out.println("Column 2 Name: " + rsmd.getColumnName(2));
26             System.out.println("Column 2 Type : " + rsmd.getColumnTypeName(2));
27             System.out.println("Column 3 Name: " + rsmd.getColumnName(3));
28             System.out.println("Column 3 Type : " + rsmd.getColumnTypeName(3));
29             System.out.println("Column 4 Name: " + rsmd.getColumnName(4));
30             System.out.println("Column 5 Type : " + rsmd.getColumnTypeName(4));
31             stmt.close();
32             conn.close();
33
34         }
35     }
36     catch(Exception e){ System.out.println(e);}
37 }
38 }
39

```

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**Week 12 :**

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**Assignment  
Solution**

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Session**