

JAVA EXAMPLES - USE ROW METHODS

http://www.tutorialspoint.com/javaexamples/jdbc_row_methods.htm

Copyright © tutorialspoint.com

Problem Description:

How to use different row methods to get no of rows in a table, update table etc?

Solution:

Following example uses first,last,deleteRow,getRow,insertRow methods of ResultSet to delete or insert a Row & move pointer of ResultSet to first or last Record.

```
import java.sql.*;

public class jdbcConn {
    public static void main(String[] args) throws Exception{
        Class.forName("org.apache.derby.jdbc.ClientDriver");
        Connection con = DriverManager.getConnection
            ("jdbc:derby://localhost:1527/testDb","name","pass");
        Statement stmt = con.createStatement
            (ResultSet.TYPE_SCROLL_SENSITIVE,
            ResultSet.CONCUR_UPDATABLE);
        String query = "select * from emp";
        ResultSet rs = stmt.executeQuery(query);
        rs.last();
        System.out.println("No of rows in table="+rs.getRow());
        rs.moveToInsertRow();
        rs.updateInt("id", 9);
        rs.updateString("name", "sujoy");
        rs.updateString("job", "trainee");
        rs.insertRow();
        System.out.println("Row added");
        rs.first();
        rs.deleteRow();
        System.out.println("first row deleted");
    }
}
```

Result:

The above code sample will produce the following result. For this code to compile your database has to be updatable. The result may vary.

```
No of rows in table=5
Row added
first row deleted
```