

JAVA EXAMPLES - SORT CONTENTS OF A TABLE

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

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Problem Description:

How to sort contents of a table?

Solution:

Following example uses Order by SQL command to sort the table.

```
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();
        String query = "select * from emp order by name";
        String query1="select * from emp order by name, job";
        ResultSet rs = stmt.executeQuery(query);
        System.out.println("Table contents sorted by Name");
        System.out.println("Id Name      Job");
        while (rs.next()) {
            int id = rs.getInt("id");
            String name = rs.getString("name");
            String job = rs.getString("job");
            System.out.println(id + " " + name+"    "+job);
        }
        rs = stmt.executeQuery(query1);
        System.out.println("Table contents after sorted
by Name & job");
        System.out.println("Id Name      Job");
        while (rs.next()) {
            int id = rs.getInt("id");
            String name = rs.getString("name");
            String job = rs.getString("job");
            System.out.println(id + " " + name+"    "+job);
        }
    }
}
```

Result:

The above code sample will produce the following result.The result may vary.

```
Table contents after sorting by Name
Id Name      Job
1  ravi      trainee
5  ravi      MD
4  ravi      CEO
2  ravindra  CEO
2  ravish    trainee
Table contents after sorting by Name & job
Id Name      Job
4  ravi      CEO
5  ravi      MD
1  ravi      trainee
2  ravindra  CEO
2  ravish    trainee
```