

JAVA EXAMPLES - RETRIEVE CONTENTS FROM MANY TABLES

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

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Problem Description:

How to join contents of more than one table & display?

Solution:

Following example uses inner join sql command to combine data from two tables. To display the contents of the table getString method of resultset is used.

```
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", "username",
            "password");
        Statement stmt = con.createStatement();
        String query ="SELECT fname,lname,isbn from author
        inner join books on author.AUTHORID = books.AUTHORID";
        ResultSet rs = stmt.executeQuery(query);
        System.out.println("Fname  Lname  ISBN");
        while (rs.next()) {
            String fname = rs.getString("fname");
            String lname = rs.getString("lname");
            int isbn = rs.getInt("isbn");
            System.out.println(fname + "  " + lname+"  "+isbn);
        }
        System.out.println();
        System.out.println();
    }
}
```

Result:

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

```
Fname  Lname  ISBN
john  grisham  123
jeffry  archer  113
jeffry  archer  112
jeffry  archer  122
```

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