

JAVA EXAMPLES - RETRIEVE TABLE CONTENTS

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

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Problem Description:

How to retrieve contents of a table using JDBC connection?

Solution:

Following example uses getString, getInt & executeQuery methods to fetch & display the contents of the table.

```
import java.sql.*;

public class jdbcResultSet {
    public static void main(String[] args) {
        try {
            Class.forName("org.apache.derby.jdbc.ClientDriver");
        }
        catch(ClassNotFoundException e) {
            System.out.println("Class not found "+ e);
        }
        try {
            Connection con = DriverManager.getConnection
                ("jdbc:derby://localhost:1527/testDb","username",
                "password");
            Statement stmt = con.createStatement();
            ResultSet rs = stmt.executeQuery
                ("SELECT * FROM employee");
            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);
            }
        }
        catch(SQLException e){
            System.out.println("SQL exception occurred" + e);
        }
    }
}
```

Result:

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

id	name	job
1	alok	trainee
2	ravi	trainee