

JAVA EXAMPLES - USE OF PREPARED STATEMENT

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Problem Description:

How to use Prepared Statement in java?

Solution:

Following example uses PreparedStatement method to create PreparedStatement. It also uses setInt & setString methods of PreparedStatement to set parameters of PreparedStatement.

```
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");
        PreparedStatement updateemp = con.prepareStatement
            ("insert into emp values(?,?,?)");
        updateemp.setInt(1, 23);
        updateemp.setString(2, "Roshan");
        updateemp.setString(3, "CEO");
        updateemp.executeUpdate();
        Statement stmt = con.createStatement();
        String query = "select * from emp";
        ResultSet rs = stmt.executeQuery(query);
        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.

Id	Name	Job
23	Roshan	CEO