

JAVA EXAMPLES - COMMIT A STATEMENT

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

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Problem Description:

How to commit a query?

Solution:

Following example uses connection.commit method to execute a query.

```
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 = "insert into emp values(2, 'name1', 'job')";
        String query1 = "insert into emp values(5, 'name2', 'job')";
        String query2 = "select * from emp";
        ResultSet rs = stmt.executeQuery(query2);
        int no_of_rows = 0;
        while (rs.next()) {
            no_of_rows++;
        }
        System.out.println("No. of rows before commit
statement = "+ no_of_rows);
        con.setAutoCommit(false);
        stmt.execute(query1);
        stmt.execute(query);
        con.commit();
        rs = stmt.executeQuery(query2);
        no_of_rows = 0;
        while (rs.next()) {
            no_of_rows++;
        }
        System.out.println("No. of rows after commit
statement = "+ no_of_rows);
    }
}
```

Result:

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

```
No. of rows before commit statement = 1
```

```
No. of rows after commit statement = 3
```

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