Statement interface

The **Statement interface** provides methods to execute queries with the database. The statement interface is a factory of ResultSet i.e. it provides factory method to get the object of ResultSet.

Commonly used methods of Statement interface:

The important methods of Statement interface are as follows:

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| **1) public ResultSet executeQuery(String sql):** is used to execute SELECT query.  It returns the object of ResultSet. |
| **2) public int executeUpdate(String sql):** is used to execute specified query,  it may be create, drop, insert, update, delete etc. |
| **3) public boolean execute(String sql):** is used to execute queries that may  return multiple results. |
| **4) public int[] executeBatch():** is used to execute batch of commands. |

Example of Statement interface

Let’s see the simple example of Statement interface to insert, update and delete the record.

1. **import** java.sql.\*;
2. **class** FetchRecord{
3. **public** **static** **void** main(String args[])**throws** Exception{
4. Class.forName("oracle.jdbc.driver.OracleDriver");
5. Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","oracle");
6. Statement stmt=con.createStatement();
8. //stmt.executeUpdate("insert into emp765 values(33,'Irfan',50000)");
9. //int result=stmt.executeUpdate("update emp765 set name='Vimal',salary=10000 where id=33");
10. **int** result=stmt.executeUpdate("delete from emp765 where id=33");
11. System.out.println(result+" records affected");
12. con.close();
13. }}