1)

step 1) add the driver.jar to the library

step 2) Class.*forName*("driver\_name");

step 3) define the connection url

String url = "jdbc:mysql://localhost:3306/OnlineBooks";

step 4)Establish the connection

Connection con = DriverManager.*getConnection*(url, username, password);

step 5)create a statement object

Statement stm = con.createStatement();

step 6 )execute a query using statement

**int** k = stm.executeUpdate("delete from Books where Price = 700");

step 7)process the result using resultset.

Step 8) close the connection.

2)

executeQuery() :- this method is used where one has to retrieve some data from the database. It works only with select queries and gives ResultSet as output.

executeUpdate() :- this methods is used to execute the sql statements which modify or update the datebase. This method is used to execute DML and DDL queries and returns an int value which denotes the number of rows affected.

next() :-the next() method moves the cursor one row forward in the ResultSet and returns false if there are no more rows in the resultset.

Eg

package com.diablo;

import java.io.IOException;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class Bookservlet

\*/

@WebServlet("/Bookservlet")

public class Bookservlet extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

System.out.println("hi");

try {

Class.forName("com.mysql.jdbc.Driver");

String url = "jdbc:mysql://localhost:3306/OnlineBooks";

String usr = "root";

String pwd = "root";

Connection con = DriverManager.getConnection(url, usr, pwd);

System.out.println("Connection established..");

Statement stm = con.createStatement();

/\* select statement\*/

ResultSet rs = stm.executeQuery("select \* from Books");

while (rs.next())

{

System.out.println(rs.getString(1));

}

/\* insert statement \*/

int i = stm.executeUpdate("insert into Books values ('blackout','ken follet','sean',1990,450),('vlackout','ven follet','vean',1995,650)");

/\* update statement \*/

int j = stm.executeUpdate("update Books set Price = 700 where Price = 650");

/\* delete statement \*/

int k = stm.executeUpdate("delete from Books where Price = 700");

} catch (ClassNotFoundException | SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

}