JBDC STATEMENT DEMO –

**package** project1;

**import** java.io.IOException;

**import** java.io.InputStream;

**import** java.io.PrintWriter;

**import** java.sql.\*;

**import** java.util.\*;

**import** jakarta.servlet.ServletException;

**import** jakarta.servlet.http.HttpServlet;

**import** jakarta.servlet.http.HttpServletRequest;

**import** jakarta.servlet.http.HttpServletResponse;

**public** **class** JDBCStatementDemo **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

DBUtil dbutil = **null**;

@Override

**public** **void** init() **throws** ServletException {

**super**.init();

InputStream in = getServletContext().getResourceAsStream("/WEB-INF/config.properties");

Properties props = **new** Properties();

**try** {

props.load(in);

dbutil = **new** DBUtil(props.getProperty("url"), props.getProperty("userid"), props.getProperty("password"));

} **catch** (IOException e) {

e.printStackTrace();

}

}

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException {

PrintWriter out = response.getWriter();

out.println("<html><body>");

// Get a DB connection

Connection connection = dbutil.getConnection();

**try** {

// STEP 3 Create the Statement object.

Statement stmt = connection.createStatement(ResultSet.***TYPE\_SCROLL\_INSENSITIVE***,ResultSet.***CONCUR\_READ\_ONLY***);

ResultSet rs = stmt.executeQuery("SELECT \* FROM eproduct");

out.println("<h3> Query Results:</h3>");

**while**(rs.next()) {

**int** ID = rs.getInt("ID");

String name = rs.getString("name");

**float** price = rs.getFloat("price");

String date\_added = rs.getString("date\_added");

out.println(ID + ", "+name + ", "+price + ", "+date\_added + "<br>");

}

//dbutil.closeConnection();

} **catch** (SQLException e) {

e.printStackTrace();

}

// Insert new row demo

**try** {

// STEP 3 Create the Statement object.

Statement stmt = connection.createStatement();

**int** count = stmt.executeUpdate("INSERT INTO eproduct(name,price) values('HP Camera', 1000);");

out.println("Sucessfully added " + count + " row ");

} **catch** (SQLException e) {

e.printStackTrace();

}

}

@Override

**public** **void** destroy() {

**super**.destroy();

**try** {

dbutil.closeConnection();

} **catch** (SQLException e) {

e.printStackTrace();

}

}

}