**Lesson3-phase1 :** Retrieving the Product Details Using the Product ID.

**source code**

package jdbcdemo;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

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 Jdbcdemo

\*/

@WebServlet("/Jdbcdemo")

public class Jdbcdemo extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* Default constructor.

\*/

public Jdbcdemo() {

// TODO Auto-generated constructor stub

}

/\*\*

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

\*/

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

// TODO Auto-generated method stub

response.getWriter().append("Served at: ").append(request.getContextPath());

response.setContentType("text/html");

PrintWriter out = response.getWriter();

Connection con = null;

try {

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

con =DriverManager.getConnection("jdbc:mysql://localhost:3306/project","root","root");

PreparedStatement ps = con.prepareStatement("select \* from product");

ResultSet rs = ps.executeQuery();

while(rs.next()) {

System.out.print("product\_id: " + rs.getString("product\_id") + "\t");

System.out.print("product\_name: " + rs.getString("product\_name") + "\t");

System.out.println("QTY: " + rs.getString("QTY") + "\t");

}

con.close();

} catch (SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

} catch (ClassNotFoundException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

/\*\*

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

\*/

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

// TODO Auto-generated method stub

doGet(request, response);

}

}

