**Retrieving the Product Details Using The Product ID (Source Code)**

jdbcServelet.java======================================

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 JdbcServelet

\*/

@WebServlet("/JdbcServelet")

public class JdbcServelet extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* Default constructor.

\*/

public JdbcServelet() {

}

/\*\*

\* @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;

//String productIdStr = request.getParameter("product\_id");

//int productId = Integer.parseInt(productIdStr);

try {

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

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

PreparedStatement ps = con.prepareStatement("select \* from eproduct where ID='1'");

//ps.setInt(1, productId);

ResultSet rs = ps.executeQuery();

while(rs.next()) {

System.out.print("Id---> " + rs.getString("ID") + "\t");

System.out.print("name--->" + rs.getString("name") + "\t");

System.out.print("price---> " + rs.getString("price") + "\t");

System.out.println("date---> " + rs.getString("date\_added"));

}

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);

}

}

=======================index.html=========================

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<title>Retrieve Product Information</title>

</head>

<body>

<h1>Welcome to my Website for JDBC</h1>

<p>Enter a Product ID to retrieve product information:</p>

<form action="JdbcServelet" method="get">

<input type="text" name="product\_id" placeholder="Product ID">

<button type="submit">Retrieve Product</button>

</form>

</body>

</html>

============================Java Resources > DBConnection.java===============================

package com.ecommerce;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

public class DBconnection {

private Connection connection;

public DBconnection(String dbURL, String user, String pwd) throws ClassNotFoundException, SQLException{

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

this.connection = DriverManager.getConnection("jdbc:mysql://localhost:3306/ecommerce","root","root");

}

public Connection getConnection(){

return this.connection;

}

public void closeConnection() throws SQLException {

if (this.connection != null)

this.connection.close();

}

}