**SOURCE CODE FOR RETRIEVING THE PRODUCT DETAILS**

* 1. **Creating an HTML page:**

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Retrieving Product Details</title>

</head>

<body>

<form action="Product" method=post>

Enter ID: <input type="number" name="id">

<input type="Submit" value="Submit">

</form>

</body>

</html>

* 1. **Creating a servlet Mohan.java:**

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.SQLException;

public class Mohan {

static Connection con=null;

public static Connection getMyConnection() {

try{

//step1 load the driver class

Class.forName("com.mysql.cj.jdbc.Driver"); //com.mysql.jdbc.driver //com.mysql.cj.jdbc.Driver //oracle.jdbc.driver.OracleDriver

//step2 create the connection object

con=DriverManager.getConnection("jdbc:mysql://localhost:3306/products","root","Mohan@4635");

}

catch(Exception e) {

e.printStackTrace();

}

return con;

}

}

* 1. **Creating a servlet product.java:**

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.ResultSet;

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 Product

\*/

@WebServlet("/Product")

public class Product extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public Product() {

super();

// 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

try {

//Call Connection Method

PrintWriter out=response.getWriter();

Connection con=Mohan.getMyConnection();

String id = request.getParameter("id");

//Write sql command

String str="select \* from eproduct where id="+id;

//to execute query create object of Statement

Statement ps=con.createStatement();

//get ResultSet

ResultSet ans =ps.executeQuery(str);

//next method checks for nextrecord

//To read values from ResultSet

if(ans.next()) {

out.println("<table border=3>");

out.println("<tr><th>ID</th><th>Name</th><th>price</th><th>date\_added</th></tr>");

out.println("<tr>");

out.print("<td>"+ans.getInt("ID")+"</td>");

out.print("<td>"+ans.getString("name")+"</td>");

out.print("<td>"+ans.getString("price")+"</td>");

out.print("<td>"+ans.getInt("date\_added")+"</td>");

out.println("</tr>");

out.println("</table>");

}

else {

out.println("No records found!");

}

con.close();

}catch(Exception e) {

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);

}

}

* 1. **Configuring web.xml:**

<?xml version="1.0" encoding="UTF-8"?>

<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://xmlns.jcp.org/xml/ns/javaee" xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd" id="WebApp\_ID" version="4.0">

<display-name>ProductID</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

</welcome-file-list>

</web-app>