**Retrieving The Product Details using ProductId**

**Index.html:**

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action=*"ProductDetails"* method=*"get"*>

Enter the ProductId:<input type=*"text"* name=*"productid"*><br><br>

<button>Submit</button>

</form>

</body>

</html>

**DBConnection:**

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**public** **class** DBConnection {

**static** Connection *con*=**null**;

**public** **static** Connection getMyConnection() {

**try**{

//step1 load the driver class

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

//step2 create the connection object

*con*=DriverManager.*getConnection*("jdbc:mysql://localhost:3306/Phase2","root","abc@123");

}

**catch**(Exception e) {

e.printStackTrace();

}

**return** *con*;

}

}

**Product Details Servlet:**

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.sql.Connection;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** javax.servlet.ServletException;

**import** javax.servlet.annotation.WebServlet;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

@WebServlet("/ProductDetails")

**public** **class** ProductDetails **extends** HttpServlet {

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

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

response.setContentType("text/html");

String productId=request.getParameter("productid");

PrintWriter out=response.getWriter();

String query="select \* from Products where productId=?";

out.print("<h1>Displaying the Product Details...</h1>");

out.println("<table border='1'><tr><th>Product Id</th><th>Product Name</th><th>Product Price</th></tr>");

**try** {

Connection con=DBConnection.*getMyConnection*();

PreparedStatement st= con.prepareStatement(query);

st.setString(1, productId);

ResultSet rs =st.executeQuery();

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

out.print("<tr><td>");

out.println(rs.getInt(1));

out.print("</td>");

out.print("<td>");

out.print(rs.getString(2));

out.print("</td>");

out.print("<td>");

out.print(rs.getFloat(3));

out.print("</td>");

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

}

}**catch**(Exception e){

System.***out***.println("Some Issue : "+ e.getMessage());

}

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

}

}

**Web.xml:**

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

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://java.sun.com/xml/ns/javaee"* xsi:schemaLocation=*"http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_3\_0.xsd"* id=*"WebApp\_ID"* version=*"3.0"*>

<display-name>ProductDetailsJDBC</display-name>

<welcome-file-list>

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

</welcome-file-list>

</web-app>