**Project Name: Retrieving the Product Details Using the Product ID**

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**GitHub Link:-** [**https://github.com/kapildavey/Phase-2.git**](https://github.com/kapildavey/Phase-2.git)

**Index.html**

<!DOCTYPE html>

<html>

<head>

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

<title>Product ID</title>

</head>

<body>

<h1>Product ID</h1>

<hr>

<form action=*"login"*>

<input type=*"text"* name=*"p\_id"* placeholder=*"Product id"*><br>

<input type=*"submit"* value=*"SEARCH"*>

</form>

</body>

</html>

**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>RetrievingProductDetailsUsingProductID</display-name>

<welcome-file-list>

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

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

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

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

<welcome-file>default.jsp</welcome-file>

<welcome-file>default.htm</welcome-file>

</welcome-file-list>

<servlet>

<description></description>

<display-name>Login</display-name>

<servlet-name>Login</servlet-name>

<servlet-class>com.kapil.Login</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>Login</servlet-name>

<url-pattern>/Login</url-pattern>

</servlet-mapping>

</web-app>

**Com.kapil**

**Login.java**

package com.kapil;

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.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;

import javax.servlet.http.HttpSession;

@WebServlet("/login")

public class Login extends HttpServlet{

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

String url="jdbc:mysql://localhost:3306/product\_details";

String uname="root";

String pass="KAALIa@8939480964";

response.setContentType("text/html");

String p\_id = request.getParameter("p\_id");

PrintWriter out = response.getWriter();

String query="select \* from product where p\_id=?";

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

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

try {

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

Connection dbCon = DriverManager.getConnection(url, uname, pass);

PreparedStatement st= dbCon.prepareStatement(query);

st.setString(1, p\_id);

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.getInt(3));

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

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

}

}

catch(Exception e){

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

}

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

}

}