**RETREIVING PRODUCT ID FROM THE DATABASE**

**SERVLET PROGRAM**

**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("/product")

**public** **class** productid **extends** HttpServlet{

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

ServletException, IOException {

String url="jdbc:mysql://localhost:3306/products";

String uname="root";

String pass="Saikiran@13";

response.setContentType("text/html");

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

PrintWriter out = response.getWriter();

String query="select \* from product" + "where productid=?";

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

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

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>");

}

**protected** **void** doPost(HttpServletRequest request, HttpServletResponse response) **throws**

ServletException, IOException {

doGet(request,response);

}

}

**HTML PROGRAM**

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<h1 style="background-color:*powderblue*;">user credentials</h1>

<form action=*"product"* method=*"post"*>

<input type=*"text"* name=*"productid"* placeholder=*"enter the productid"*>

<button>Submit</button>

</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>Retreiving\_ProductID</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>

<servlet-name>productid</servlet-name>

<servlet-class>productid</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>productid</servlet-name>

<url-pattern>/product</url-pattern>

</servlet-mapping>

</web-app>