**RETRIEVAL OF PRODUCT DETAILS USING PRODUCT ID**

**Code:**

**Index.html:**

<!DOCTYPE html>

<html>

<head>

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

<title>Product details</title>

</head>

<body>

<h2>Retriving the product Details</h2>

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

<label>Enter the product ID: </label>

<input type=*"text"* name=*"search"*><br/>

<br/>

<br/>

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

</form>

</body>

</html>

**SearchServlet.java:**

**package** com;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

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

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

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

**import** java.sql.\*;

/\*\*

\* Servlet implementation class SearchProduct

\*/

**public** **class** SearchProduct **extends** HttpServlet {

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

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** SearchProduct() {

**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

//response.getWriter().append("Served at: ").append(request.getContextPath());

**try** {

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

System.***out***.println("loaded successfully");

Connection con= DriverManager.*getConnection*("jdbc:mysql://localhost:3306/javatraining","root","sarasowmi");

System.***out***.println("connected successfully");

PreparedStatement pstmt = con.prepareStatement("select \* from product where id = ?");

PrintWriter pw=response.getWriter();

response.setContentType("text/html");

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

pstmt.setString(1, search);

**if**(search.isEmpty()) {

pw.println("you have not entered the product ID. Try again..!");

pw.println("<br>");

pw.println("<br><a href='index.html'>Enter productID</a>");

}**else** {

ResultSet rs = pstmt.executeQuery();

**if**(rs.next()) {

pw.println("Product ID is "+rs.getInt(1));

pw.println("<br>");

pw.println("Product name is "+rs.getString(2));

pw.println("<br>");

pw.println("Price is "+rs.getInt(3));

}**else** {

pw.println("There is no product. Try again..!");

}

pw.println("<br>");

pw.println("<br><a href='index.html'>Search another product</a>");

}

}**catch**(Exception e) {

System.***out***.println(e);

}

}

/\*\*

\* **@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);

}

}