**Retrieving the Product Details Using the Product ID**

**Source\_Code:**

**Index.html**

**<!DOCTYPE html>**

<html>

<head>

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

<title>Product ID</title>

</head>

<body>

<h1>Search Product ID</h1>

<form action=*"./Servlet1"*>

<table>

<tr>

<td>Enter the ID:</td>

<td><input type=*"text"* name=*"id"*></td>

</tr>

<tr>

<td colspan=*"2"*><input type=*"submit"* value=*"search"*></td>

</tr>

</table>

</form>

</body>

</html>

**Servlet1.java**

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.ResultSet;

**import** java.sql.SQLException;

**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 Servlet1

\*/

@WebServlet("/Servlet1")

**public** **class** Servlet1 **extends** HttpServlet {

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

/\*\*

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

\*/

**public** Servlet1() {

**super**();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

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

out.print("<h1>Display the Record</h1>");

out.print("<table border='1'><tr><th>P\_Id</th><th>P\_Name</th><th>Price</th></tr>");

**try** {

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

Connection dbCon = DriverManager.*getConnection*("jdbc:mysql://localhost:3306/products","root","Root@1999");

Statement st= dbCon.createStatement();

ResultSet rs =st.executeQuery("select \* from product where p\_id="+id+"");

**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** (ClassNotFoundException e) {

e.printStackTrace();

} **catch** (SQLException e) {

e.printStackTrace();

}

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

}

}

**Web.xml**

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

<web-app>

<display-name>RetrievingProductID</display-name>

<welcome-file-list>

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

</welcome-file-list>

<servlet>

<description></description>

<display-name></display-name>

<servlet-name>Servlet1</servlet-name>

<servlet-class>Servlet1</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>Servlet1</servlet-name>

<url-pattern>/Servlet1</url-pattern>

</servlet-mapping>

</web-app>

**Database:**

**Database\_name ->products**

create database **products**;

**Table name ->product**

create table **product**(p\_id int primary key,p\_name varchar(10),price int);

**Record inserted as below:**

insert into product(p\_id,p\_name,price)values(1,"kitkat",50);

insert into product(p\_id,p\_name,price)values(2,"munch",55);

insert into product(p\_id,p\_name,price)values(3,"dark",500);

insert into product(p\_id,p\_name,price)values(4,"kit",500);