Retrieve the Product using Product ID

Create a HTML page:

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

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

<label>ID</label>

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

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

</form>

</body>

</html>

Create a servlet to connect with HTML page:

**package** com;

**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** 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 Retrieve

\*/

@WebServlet("/Retrieve")

**public** **class** Retrieve **extends** HttpServlet {

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

/\*\*

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

\*/

**public** Retrieve() {

**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());

PrintWriter pw = response.getWriter();

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

**try** {

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

Connection con= DriverManager.*getConnection*("jdbc:mysql://localhost:3306/amitdb","root", "Mani@1234");

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

ResultSet rs=pstmt.executeQuery();

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

pw.println("product is found");

}**else** {

pw.println("Product is not found");

}

}**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);

}

}

Database using MySQl:

mysql> select\*from product;

+-----+------------+-------+

| id | name |

+-----+------------+-------+

| 2001 | dell |

| 2002| hp |

| 2003 | lenevo |

3 rows in set (0.00 sec)