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SERVLET PROGRAMMING – SERVER SIDE

SUPERMARKET APPLICATION

**Implement modules of SuperMarket application using JSP / Servlet.**

**index.jsp**

<%@ **page** contentType="text/html;charset=UTF-8" language="java" %>  
<html>  
<head>  
 <title>Supermarket</title>  
</head>  
<body>  
<h1>Supermarket</h1>  
<form action="NoServlet" method="get">  
 Username: <br>  
 <input type="text" placeholder="Please enter your username" name="userName" id = "userName" required>  
 <br>  
 Item name <br>  
 <input type="text" placeholder="Enter your quantity" name = "quan" id="quan">  
 <br>  
  
 <label>Item Name </label> <br>  
 <select name = "item" id="item">  
 <option value="apple">APPLE</option>  
 <option value="orange">ORANGE</option>  
 <option value = "mango">MANGO</option>  
 </select>  
 <br>  
 <p>Membership type: </p>  
 <input type="radio" id="Silver" name="mem" value="Silver">  
 <label for="Silver">Silver</label><br>  
 <input type="radio" id="Gold" name="mem" value="Gold">  
 <label for="Gold">Gold</label><br>  
 <input type="radio" id="Platinum" name="mem" value="Platinum">  
 <label for="Platinum">Platinum</label>  
 <br>  
 <button type="submit">Register</button>  
</form>  
</body>  
</html>

**SuperServlet.java**

package com.example.some;  
  
import javax.servlet.\*;  
import javax.servlet.http.\*;  
import javax.servlet.annotation.\*;  
import java.io.IOException;  
  
@WebServlet(name = "SuperServlet", value = "/SuperServlet")  
public class NoServlet extends HttpServlet {  
 @Override  
 protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
  
 String username = request.getParameter("userName");  
 String quantity = request.getParameter("quan");  
 String item\_name = request.getParameter("item");  
 String membership = request.getParameter("mem");  
 if(username != null && quantity != null && membership!= null){  
 HttpSession httpsession = request.getSession();  
 httpsession.setAttribute("userName", username);  
 httpsession.setAttribute("quan",quantity);  
 httpsession.setAttribute("item", item\_name);  
 httpsession.setAttribute("mem",membership);  
 request.getRequestDispatcher("Welcome.jsp").forward(request,response);  
 }  
 }  
  
 @Override  
 protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
  
 }  
}

**Welcome.jsp**

<%@ **page** contentType="text/html;charset=UTF-8" language="java" %>  
<html>  
<head>  
 <title>Welcome</title>  
</head>  
<body>  
<%  
 response.setContentType("text/html");  
 String item = (String)session.getAttribute("item");  
 response.getWriter().println("<h1>Welcome Mr." + session.getAttribute("userName"));  
  
%>  
<br>  
<p>You have ordered item <%= session.getAttribute("item") %> </p>  
<p>Your membership type is <%= session.getAttribute("mem") %> </p>  
<p>Quantity of your item is <%= session.getAttribute("quan") %></p>  
  
</body>  
</html>

**Output:**



