**Java Web 开发**

**实验三**

**作业报告**

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| **学院** | **计算机** |
| **所在系 班 级** | **2017软件工程系1707班** |
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1. **实验题目**

将第二章实训题的第二题，登录页面，提交用户名、密码，若用户名不为空字符串且长度在6-8位间，密码不为空, 长度为6位，则登录成功，显示“\*\*\*（用户名）登录成功！”，否则显示“\*\*\*登录失败”。

1. **分析与设计**

创建register.java、success.java、error.java文件，设计Login.html网页，将.java文件发布到Tomcat服务器上。

1. **关键源码**

**Register.java代码：**

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.util.\*;

**import** javax.servlet.ServletException;

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

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

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

**import** javax.servlet.annotation.WebServlet;

@WebServlet("/register.do")

**public** **class** register **extends** HttpServlet {

**private** **final** String SUCCESS\_VIEW = "success.do";

**private** **final** String ERROR\_VIEW = "error.view";

**public** **void** doPost(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException {

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

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

response.setContentType("text/html;charset=UTF-8");

//if(username.equals("caterpillar")&&password.equals("123456"))

//{

// request.setAttribute("username", username);

// request.getRequestDispatcher(SUCCESS\_VIEW).forward(request, response);

//}

**if**(username.length()>=6&&username.length()<=8&&password.length()==6)

{

request.setAttribute("username", username);

request.getRequestDispatcher(SUCCESS\_VIEW).forward(request, response);

}

**else**

{

request.getRequestDispatcher(ERROR\_VIEW).forward(request, response);

}

}

}

**success.java代码：**

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

**import** javax.servlet.annotation.WebServlet;

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

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

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

@WebServlet("/success.do")

**public** **class** success **extends** HttpServlet {

**public** **void** doPost(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException {

String username = request.getAttribute("username").toString();

response.setContentType("text/html;charset=UTF-8");

PrintWriter out = response.getWriter();

out.println("<HTML>");

out.println(" <HEAD><TITLE>A Servlet</TITLE></HEAD>");

out.println(" <BODY>");

out.print(" <h1>您好 "+request.getParameter("username")+" 登陆成功！</h1>");

out.println(" </BODY>");

out.println("</HTML>");

out.flush();

out.close();

}

}

**error.java代码：**

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

**import** javax.servlet.annotation.WebServlet;

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

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

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

@WebServlet("/error.view")

**public** **class** error **extends** HttpServlet {

**public** **void** doPost(HttpServletRequest request, HttpServletResponse response)

**throws** ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

PrintWriter out = response.getWriter();

out.println("<HTML>");

out.println(" <HEAD><TITLE>A Servlet</TITLE></HEAD>");

out.println(" <BODY>");

out.print("<h1>登陆失败！</h1>");

out.print("<h6><a href ='Login.html'>返回首页</a></h6>");

out.println(" </BODY>");

out.println("</HTML>");

out.flush();

out.close();

}

}

**Login.html代码：**

<body>

<form method=*'post'* action = *'register.do'*>

<h2 align=*"CENTER"*>登陆页面</h2>

<table border=*"0"* align=*"CENTER"*>

<tr>

<th align=*"right"*>用户名&nbsp;&nbsp;&nbsp;</th>

<th align=*"left"*><input type=*"text"* name = *username*></th>

</tr>

<tr>

<th align=*"right"*>密码&nbsp;&nbsp;&nbsp;</th>

<th align=*"left"*><input type=*"password"* name = *password*></th>

<tr>

<tr>

<th align=*"right"*>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</th>

<th align=*"left"*><input type=*"submit"* value=*"立即登陆"* /></th>

</tr>

</body>

**4、运行效果图：**





