**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6班 |
| 学 号 姓 名 | 04171427詹明 |
| 指 导 教 师 | 罗永升 |
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# 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”。

# 分析与设计

完成一个登录页面的设计，并要考虑到失败和成功的情况

# 关键源码（部分）

ServletLogin:

package cc.openhome;

import java.io.IOException;

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 ServletLogin

\*/

@WebServlet(description = "MyLoginServlet", urlPatterns = { "/ServletLogin" })

public class ServletLogin extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public ServletLogin() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see Servlet#destroy()

\*/

public void destroy() {

// TODO Auto-generated method 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());

}

/\*\*

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

\*/

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

// TODO Auto-generated method stub

response.setContentType("text/html");

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

String userPassword=request.getParameter("userpassword");

String info="";

if(("caterpillar".equals(userName))&& "123456".equals(userPassword))

{

info=userName+"欢迎你";

request.setAttribute("info1", info);

request.getRequestDispatcher("/success.jsp").forward(request, response);

}else{

info=userName;

request.setAttribute("info2", info);

request.getRequestDispatcher("/fail.jsp").forward(request, response);

}

doGet(request, response);

}

}

Fail.jsp:

<span style="font-family: *Calibri*; background-color: *rgb(255, 255, 255)*;"></span><pre name=*"code"* class=*"html"*><%@ page language=*"java"* import=*"java.util.\*"* pageEncoding=*"utf-8"*%>

<%

String path = request.getContextPath();

String basePath = request.getScheme()+"://"+request.getServerName()+":"+request.getServerPort()+path+"/";

%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">

<html>

<head><title>登录失败页面</title></head>

<body>

<p align=*"center"*>登录失败<%=request.getAttribute("info2") %>

<a href = *"login.jsp"*>请重新登录</a>

</p >

</body>

Login.jsp:

<%@ page language=*"java"* import=*"java.util.\*"* pageEncoding=*"utf-8"*%>

<%

String path = request.getContextPath();

String basePath = request.getScheme()+"://"+request.getServerName()+":"+request.getServerPort()+path+"/";

%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">

<html>

<head><title>登录页面</title></head>

<body>

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

用户名：<input type=*"text"* name=*"username"*/><br/>

密 码：<input type=*"password"* name=*"userpassword"*/><br/>

<input type=*"submit"* name=*"登录"*>

</form>

</body>

</html>

Success.jsp:

<%@ page language=*"java"* import=*"java.util.\*"* pageEncoding=*"utf-8"*%>

<%

String path = request.getContextPath();

String basePath = request.getScheme()+"://"+request.getServerName()+":"+request.getServerPort()+path+"/";

%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">

<html>

<head><title>登录成功页面</title></head>

<body>

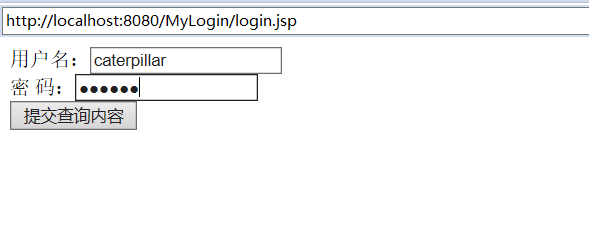
<p align=*"center"*>登录成功<%=request.getAttribute("info1") %>

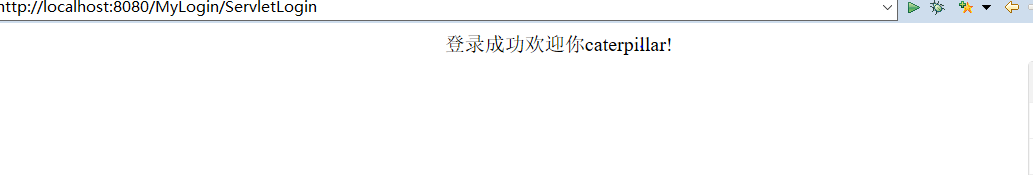
</p >

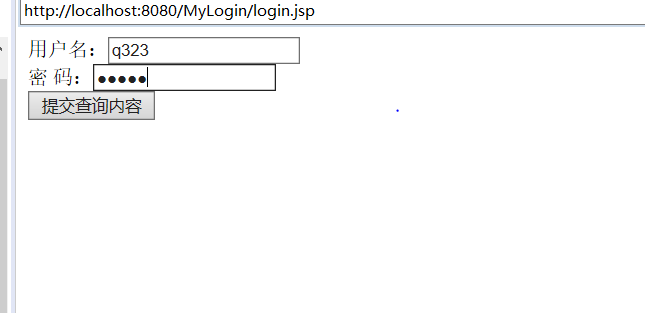
</body>

</html>

# 运行效果图









# 收获与问题

编程过程中遇到很多的问题，但好在解决了，但是有很多地方做的不足，要继续进步。