**Java Web开发**

**实验四**

**作业报告**

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# 实验题目

1. 将实验三的三题进行改写，在Servlet控制器中获取信息，验证后根据具体情况跳转到对应页面，成功请求转发到成功页面，否则重定向跳转到失败页面（可将动态验证码添加在页面上）

1.1登录页面，提交用户名、密码及身份

改写一：支持中文，确保两种表单提交方式（get、post）都支持中文，另外对程序的空对象情况进行处理。

改写二：比如登录页面除了之前的用户名、密码另外再加上所在专业（计算机、软件工程及网络工程，单选框或下拉列表框皆可），登录成功后根据身份进行跳转，进入对应的页面，页面需显示\*\*\*\*专业学号姓名。登录失败转向失败页面，并进行报错！

1.2猜数功能，猜错猜对及输入不正确的情况分别处理

1.3注册功能、发帖功能等皆可

1. 文件上传（选做）

利用Servlet中的Part接口实现文件的上传（可附加在第1题）中。

# 分析与设计

# 关键源码（部分）

第一题：

package a1;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

@SuppressWarnings({ "serial", "unused" })

public class check extends HttpServlet {

/\*\*

\* Constructor of the object.

\*/

public check() {

super();

}

/\*\*

\* Destruction of the servlet. <br>

\*/

public void destroy() {

super.destroy(); // Just puts "destroy" string in log

// Put your code here

}

/\*\*

\* The doGet method of the servlet. <br>

\*

\* This method is called when a form has its tag value method equals to get.

\*

\* @param request the request send by the client to the server

\* @param response the response send by the server to the client

\* @throws ServletException if an error occurred

\* @throws IOException if an error occurred

\*/

public void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

doPost(request,response);

}

/\*\*

\* The doPost method of the servlet. <br>

\*

\* This method is called when a form has its tag value method equals to post.

\*

\* @param request the request send by the client to the server

\* @param response the response send by the server to the client

\* @throws ServletException if an error occurred

\* @throws IOException if an error occurred

\*/

public void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

request.setCharacterEncoding("utf-8");

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

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

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

int a=name.length();

int b=pwd.length();

if(b!=0)

{

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

}

else

{

response.sendRedirect("/WEB04172210/succeed.jsp");

}

}

/\*\*

\* Initialization of the servlet. <br>

\*

\* @throws ServletException if an error occurs

\*/

public void init() throws ServletException {

// Put your code here

}

}

<%@ 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>

<base href=*"resister.jsp"*>

<title>My JSP 'succeed.jsp' starting page</title>

<meta http-equiv=*"pragma"* content=*"no-cache"*>

<meta http-equiv=*"cache-control"* content=*"no-cache"*>

<meta http-equiv=*"expires"* content=*"0"*>

<meta http-equiv=*"keywords"* content=*"keyword1,keyword2,keyword3"*>

<meta http-equiv=*"description"* content=*"This is my page"*>

<!--

<link rel="stylesheet" type="text/css" href="styles.css">

-->

</head>

<body>

登陆失败

<br>

</body>

</html>

<%@ page pageEncoding=*"utf-8"*%>\

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html"*; charset=*"utf-8"*>

</head>

<body>

<font>

<%

request.setCharacterEncoding("utf-8");

String yourname=request.getParameter("name");

String zzy=request.getParameter("zy");

out.println(zzy+"专业的同学，");

out.println(yourname+"登陆成功");

%>

</font>

</body>

</html>

1.2题

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<title></title>

</head>

<script type="text/javascript" src="js/bootstrap.js" ></script>

<script type="text/javascript" src="js/jquery-1.8.3.min.js" ></script>

<script type="text/javascript" src="js/bootstrap.min.js" ></script>

<script>

var s=parseInt(100\*Math.random());;

var cishu=0;

$(function()

{

alert(s);

$("#caicai").click(function(){

var a=$("#cai").val();

if(a==s&&cishu<=5)

{alert("猜对了");}

else if(cishu>5)

alert("已猜超过5次");

else if(a>s)

{

alert("猜大了");

cishu++;

}

else

{

alert("猜小了");

cishu++;

}

})

})

</script>

<body>

<input type="text" id="cai" />

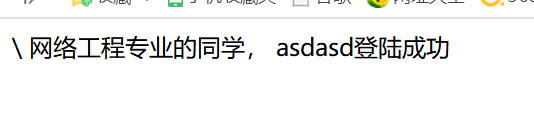
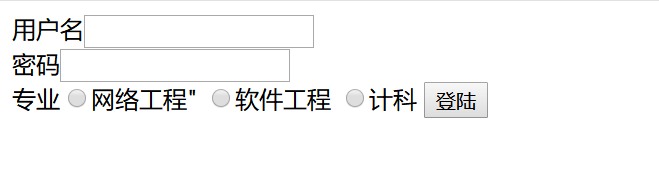
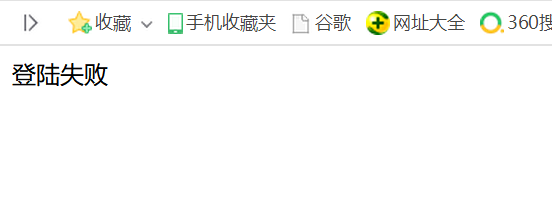
<input type="button" id="caicai" value="确定" />

</body>

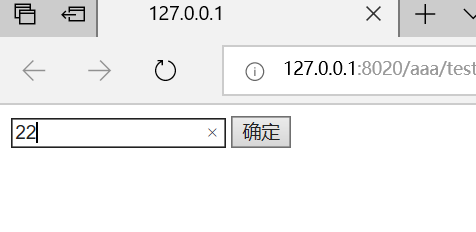
</html>

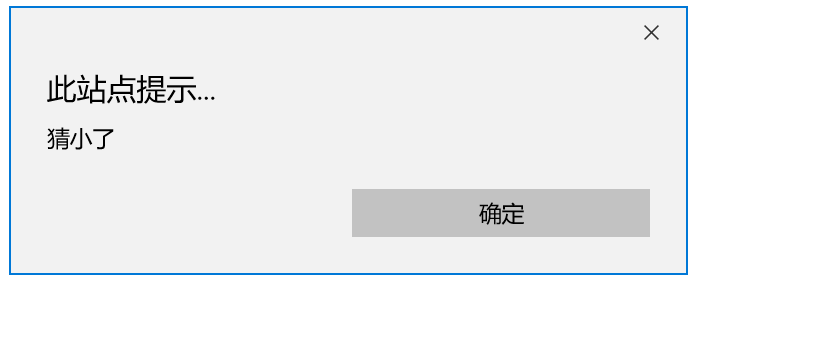
# 运行效果图

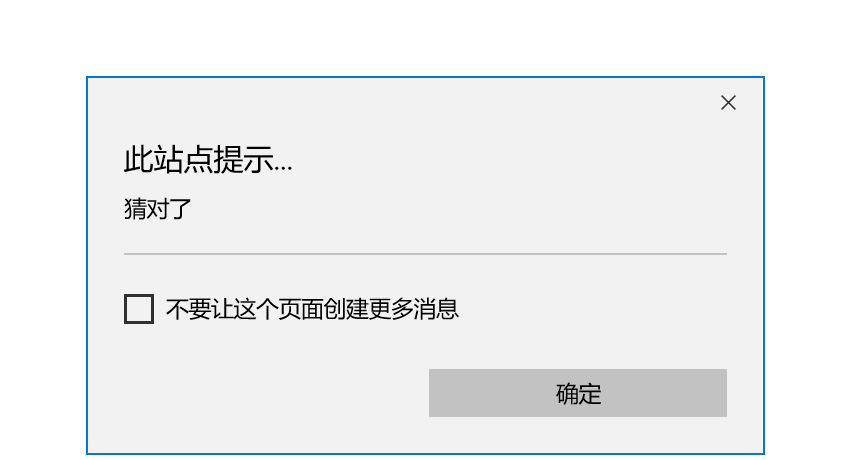
1.1

1.2







# 收获与问题

了解到了传参和各种请求；