**Java Web开发**

**实验四**

**作业报告**

|  |  |
| --- | --- |
| 学 院 | 计算机 |
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| 完 成 时 间 | 2019年3月30日 |

一、

**registerpro.html**

<!DOCTYPE html>

<html>

<head>

<title>Welcome</title>

<meta name=*"content-type"* content=*"text/html; charset=gb2312"*>

</head>

<body>

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

<font size=*"5"*>登陆界面</font><br>

学号：<input type=*"text"* name=*"number"* size=*"25"* maxlength=*"16"*><br>

名称：<input type=*"text"* name=*"user"* size=*"25"* maxlength=*"16"*><br>

密码：<input type=*"password"* name=*"password"* size=*"25"* maxlength=*"16"*><br>

所在专业：<br/>

<input type=*"radio"* name=*"radio"* value=*"计算机科学与技术"*>计算机科学与技术

<input type=*"radio"* name=*"radio"* value=*"软件工程"*>软件工程

<input type=*"radio"* name=*"radio"* value=*"网络工程"*>网络工程

<br/>

<input type=*"submit"*name=*"login"*value=*"提交"*>

</form>

</body>

</html>

**judge.java**

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;

/\*\*

\* Servlet implementation class judge

\*/

@WebServlet("/judge")

public class judge extends HttpServlet {

private static final long serialVersionUID = 1L;

private final String jike="jike";

private final String ERROR\_VIEW="ERROR\_VIEW";

private final String jiwang="jiwang";

private final String ruangong="ruangong";

// private final String SUCCESS\_VIEW="SUCCESS\_VIEW";

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public judge() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

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

\*/

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

request.setCharacterEncoding("gb2312");

// response.setContentType("text/html;charset=gb2312");

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

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

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

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

if(checklogin(user,password,number,radio)){

if(radio=="计算机科学与技术"){

request.getRequestDispatcher(jike).forward(request, response);

}

else if(radio=="网络工程"){

request.getRequestDispatcher(jiwang).forward(request, response);

}

else{

request.getRequestDispatcher(ruangong).forward(request, response);

}

}else{

request.getRequestDispatcher(ERROR\_VIEW)

.forward(request,response);

}

}

private boolean checklogin(String user,String password,String number,String radio) throws IOException{

if(user!=null&&password!=null&&password.length()==6&&number.length()==8){

return true;

}

return false;

}

}

**jike.java**

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("/jike")

public class jike extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public jike() {

super();

// TODO Auto-generated constructor stub

}

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

response.setCharacterEncoding("gb2312");

// response.setContentType("text/html; charset=gb2312");

PrintWriter out=response.getWriter();

out.println("<body>");

out.println("<h1>"+request.getParameter("radio")+request.getParameter("number")+request.getParameter("user")+"登陆成功</h1>");

out.println("<a href='registerpro.html'>返回首页</a>");

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

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

out.close();

}

}

**jiwang.java**

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("/jiwang")

public class jiwang extends HttpServlet {

private static final long serialVersionUID = 1L;

public jiwang() {

super();

// TODO Auto-generated constructor stub

}

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

response.setCharacterEncoding("UTF-8");

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

PrintWriter out=response.getWriter();

out.println("<body>");

out.println("<h1>"+request.getParameter("radio")+request.getParameter("number")+request.getParameter("user")+"登陆成功</h1>");

out.println("<a href='registerpro.html'>返回首页</a>");

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

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

out.close();

}

}

**ruangong.java**

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("/ruangong")

public class ruangong extends HttpServlet {

private static final long serialVersionUID = 1L;

public ruangong() {

super();

// TODO Auto-generated constructor stub

}

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

response.setCharacterEncoding("gb2312");

// response.setContentType("text/html; charset=gb2312");

PrintWriter out=response.getWriter();

out.println("<body>");

out.println("<h1>"+request.getParameter("radio")+request.getParameter("number")+request.getParameter("user")+"登陆成功</h1>");

out.println("<a href='registerpro.html'>返回首页</a>");

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

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

out.close();

}

}

**error\_view.java**

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;

/\*\*

\* Servlet implementation class ERROR\_VIEW

\*/

@WebServlet("/ERROR\_VIEW")

public class ERROR\_VIEW extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public ERROR\_VIEW() {

super();

// TODO Auto-generated constructor stub

}

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

response.setCharacterEncoding("gb2312");

PrintWriter out = response.getWriter();

response.setContentType("text/html;charset=gb2312");

out.println("<body>");

out.println("<h1>"+request.getParameter("user")+"登陆失败!</h1>");

out.println("<a href='registerpro.html'>返回首页</a>");

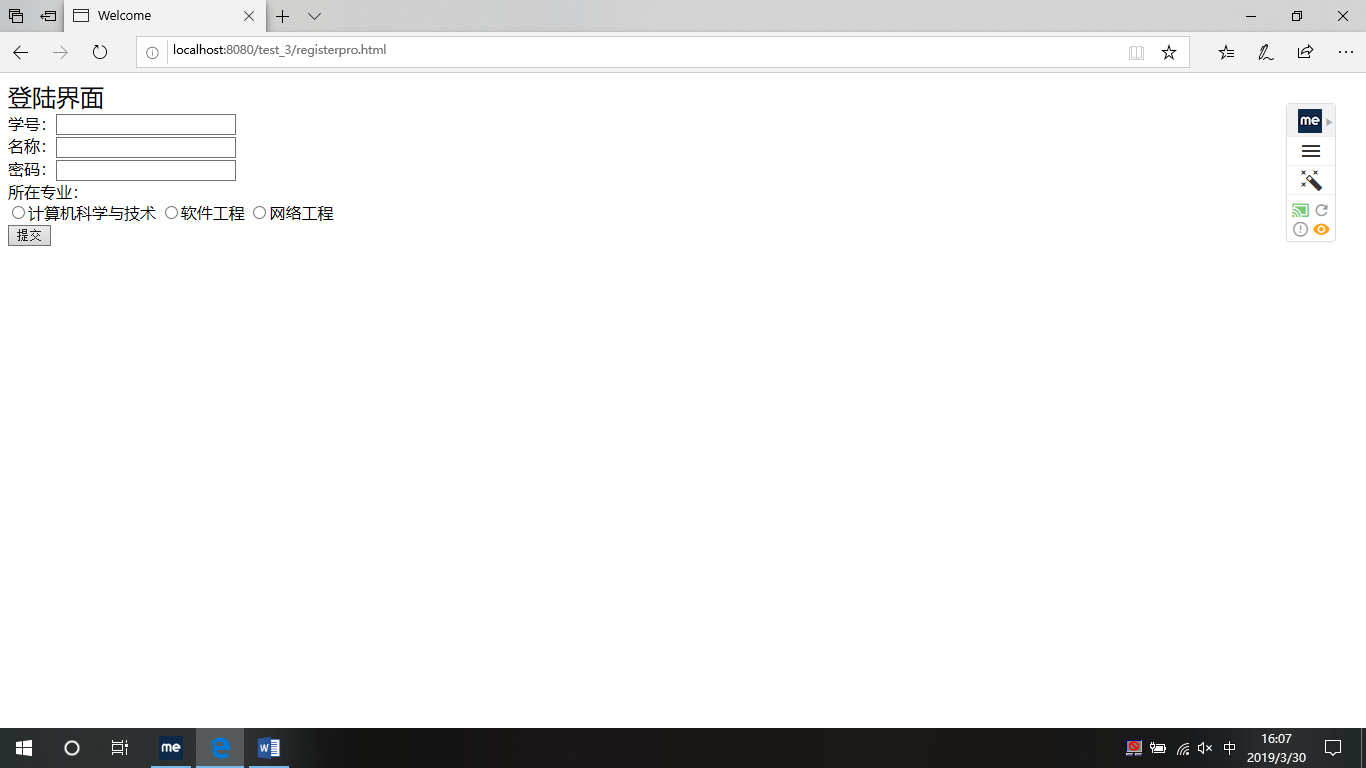
out.println("</body>");

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

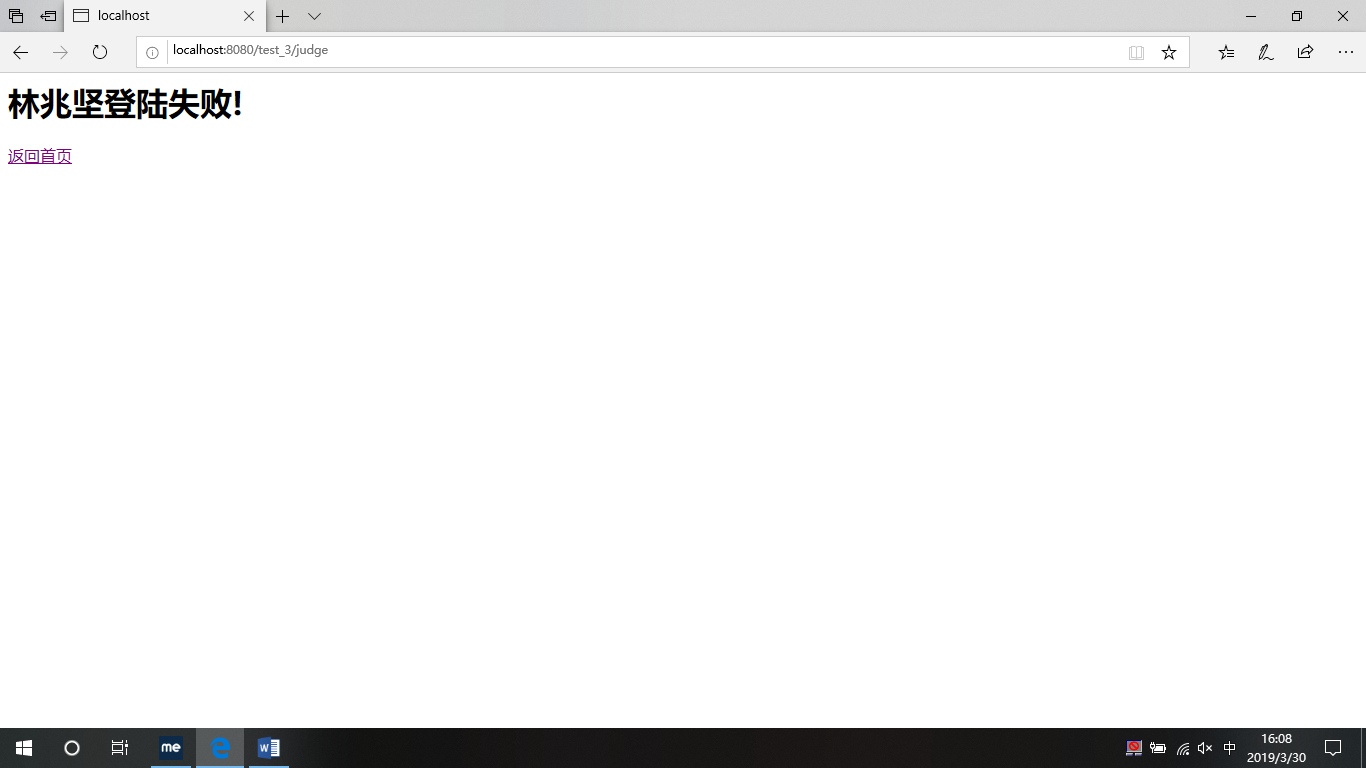
out.close();

}

}







二、猜数游戏

**guess.jsp**

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

<HTML>

<body><font Size=*5*>

<P>猜数游戏

<%

**int** number=(**int**)(Math.random()\*100)+1;

session.setAttribute("count",**new** Integer(0));

session.setAttribute("save",**new** Integer(number));

%>

<br>

<P>输入一个1-100的数

<form action=*"result.jsp"* method=*"post"* name=*form*>

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

<input type=*"submit"* value=*" 猜！"* name=*"submit"*>

</form>

</font>

</body>

</html>

**result.jsp**

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

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

<html>

<body>

<font Size=*5*> <br> <%

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

**if** (str == **null**)

{

str = "0";

}

**int** guessNumber = Integer.parseInt(str);

Integer integer = (Integer) session.getAttribute("save");

**int** realnumber = integer.intValue();

**if** (guessNumber == realnumber)

{

**int** n = ((Integer) session.getAttribute("count")).intValue();

**if**(n==4){

response.sendRedirect("fail.jsp");

}

**else**{

n = n + 1;

session.setAttribute("count", **new** Integer(n));

response.sendRedirect("success.jsp");

}

}

**else** **if** (guessNumber > realnumber)

{

**int** n = ((Integer) session.getAttribute("count")).intValue();

**if**(n==5){

response.sendRedirect("fail.jsp");

}

**else**{

n = n + 1;

session.setAttribute("count", **new** Integer(n));

response.sendRedirect("large.jsp");

}

}

**else** **if** (guessNumber < realnumber)

{

**int** n = ((Integer) session.getAttribute("count")).intValue();

**if**(n==5){

response.sendRedirect("fail.jsp");

}

**else**{

n = n + 1;

session.setAttribute("count", **new** Integer(n));

response.sendRedirect("small.jsp");

}

}

%>

</font>

</body>

</html>

**large.jsp**

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

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

<body><font Size=*5*>

<br>

<P>所猜的数比实际的数大，请再猜：

<form action=*"result.jsp"* method=*"get"* name=*form* >

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

<input TYPE=*"submit"* value=*" 送出"* name=*"submit"*>

</form>

</font>

</body>

</html>

**Small.jsp**

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

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

<html>

<body><font Size=*5*>

<br>

<P>所猜的数比实际的数小，请再猜：

<form action=*"result.jsp"* method=*"post"* name=*form*>

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

<input TYPE=*"submit"* value=*" 送出"* name=*"submit"*>

</form>

</font>

</body>

</html>

**success.jsp**

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

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

<html>

<body><font Size=*5*>

<% **int** count=((Integer)session.getAttribute("count")).intValue();

**int** num=((Integer)session.getAttribute("save")).intValue();

**long** startTime=session.getCreationTime();

**long** endTime=session.getLastAccessedTime();

%>

<P>恭喜你，猜对了

<br>

<P>这个数字就是<%=num%>

</font>

</body>

</html>

**fail.jsp**

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

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

<body><font Size=*5*>

<% **int** count=((Integer)session.getAttribute("count")).intValue();

%>

<P>你已经猜了<%=count%>次

<br>

<P>游戏结束！

</font>

</body>

</html>

