1. 新建项目，练习教材上相关例子Hello.java文件，P29。并练习如何在Tomcat服务器上发布该文件
2. HelloServlet文件内容

请分别用注释法和文件配置法（web.xml）来完成对HelloServlet文件的发布。

注释法访问的地址是 <http://127.0.0.1:8080/项目工程名/test2/hello.view>（请注意要根据题目要求修改代码中的注释内容）

2)文件配置法的地址是<http://127.0.0.1:8080/项目工程名/test2/hello.do>

1)

**package** cc.test;

**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 HelloServlet

\*/

@SuppressWarnings("serial")

@WebServlet("/servlet/hello.view")

**public** **class** HelloServlet **extends** HttpServlet {

@Override

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

// **TODO** Auto-generated method stub

response.setContentType("text/html;charset=GB2312");

PrintWriter out = response.getWriter();

out.println("<html>");

out.println("<head>");

out.println("<title>Hello Servlet</title>");

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

out.println("<body>");

out.println("<h1> 你好，欢迎各位软件工程专业的同学。 </h1>");

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

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

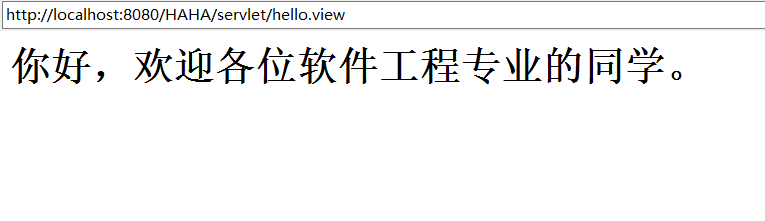
out.close();

}

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

doGet(request,response);

}

} 

2)<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app version=*"3.0"*

xmlns=*"http://java.sun.com/xml/ns/javaee"*

xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"*

xsi:schemaLocation=*"http://java.sun.com/xml/ns/javaee*

*http://java.sun.com/xml/ns/javaee/web-app\_3\_0.xsd"*>

<display-name></display-name>

<servlet>

<description>This is the description of my J2EE component</description>

<display-name>This is the display name of my J2EE component</display-name>

<servlet-name>HelloServlet</servlet-name>

<servlet-class>cc.test.HelloServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>HelloServlet</servlet-name>

<url-pattern>/servlet/hello.do</url-pattern>

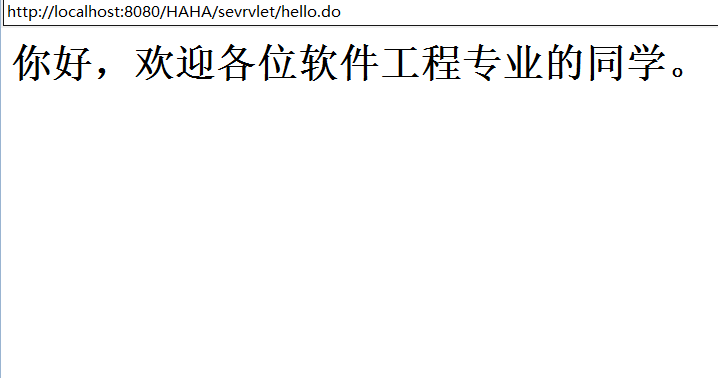
</servlet-mapping>

<welcome-file-list>

<welcome-file>index.jsp</welcome-file>

</welcome-file-list>

</web-app>



1. 请编写WelcomeYou.java文件，代码内容如下图
   1. 图中第25行是何意思？
   2. 编写好之后请用如下两个地址来分别访问该文件：

http://127.0.0.1:8080/项目工程名/test2/welcome?user=‘李华’

http://127.0.0.1:8080/项目工程名/test2/welcome?user=‘Lihua’

记录下浏览器的显示内容，并分析其原因。

**package** cc.test;

**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;

@SuppressWarnings("serial")

@WebServlet("/test/welcome")

**public** **class** WelcomeYou **extends** HttpServlet {

@Override

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

// **TODO** Auto-generated method stub

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

String welcomeInfo="Welcome you"+user+"同学!";

response.setContentType("text/html;charset=GB2312");

PrintWriter out = response.getWriter();

out.println("<HTML>");

out.println(" <HEAD><TITLE>欢迎页面</TITLE></HEAD>");

out.println(" <BODY>");

out.println(welcomeInfo);

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

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

out.flush();

out.close();

}

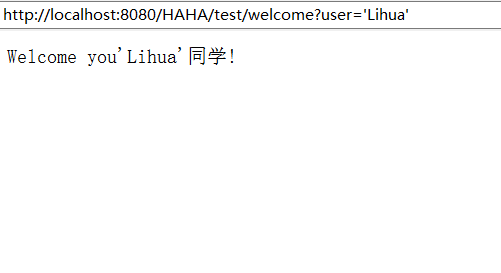
**protected** **void** doPost(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

doGet(request,response);

}

}

1. 它的作用主要是指定请求的参数名称获取参数值信息

我觉得是浏览器地址栏上面不能出现中文

1. 请编写程序，完成以下功能：
2. 一个邮箱注册表单register.html文件，具体见图。
3. 自行编写两个html文件，一个success.jsp成功页面，一个fail.jsp失败页面。
4. 点击注册按钮后，跳转到成功页面success.jsp。
5. 尝试：能否在成功页面显示该用户的昵称，邮箱名称？比如“开心，恭喜你！你的happyToday@163.com”
6. 注意注册页面的表单应当提交什么请求方式
7. 如果下一步，我还希望能把失败页面加上去，怎么办？

**package** test;

**import** java.io.IOException;

**import** javax.servlet.ServletException;

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

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

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

**import** javax.servlet.annotation.\*;

@SuppressWarnings("serial")

@WebServlet("/login.do")

**public** **class** LoginServlet **extends** HttpServlet {

String success="/success.jsp";

String fail="/three/fail.jsp";

**public** **void** doPost(HttpServletRequest request,

HttpServletResponse response)

**throws** ServletException, IOException {

request.setCharacterEncoding("utf-8");

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

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

Student u=**new** Student();

u.setName(name);

u.setPwd(pwd);

request.setAttribute("user",u);

ValiStudent va=**new** ValiStudent(u);

**boolean** flag=va.validate();

**if** (flag){

request.getRequestDispatcher(success).

forward(request, response);

}**else**{

response.sendRedirect(fail);

}

}

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

**throws** ServletException, IOException {

doPost(request,response);

}

}

**package** test;

**public** **class** Student {

**private** String name;

**private** String pwd;

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** String getPwd() {

**return** pwd;

}

**public** **void** setPwd(String pwd) {

**this**.pwd = pwd;

}

}

**package** test;

**public** **class** ValiStudent {

**private** Student stu;

**public** ValiStudent(Student stu){

**this**.stu=stu;

}

**public** **boolean** validate(){

**boolean** flag=**false**;

**if** ((**null**!=stu.getName()) && !("".equals(stu.getName()))

&& (**null**!=stu.getPwd()) && (stu.getPwd().length()==6))

flag=**true**;

**return** flag;

}

}

<%@page contentType=*"text/html;charset=utf-8"*%><HTML>

<BODY bgcolor=*cyan*>

<FORM action=*"../three/login.do"* method=*post* name=*form*>

<Font size=*8*>

<BR>用户名:<INPUT type=*"text"*name=*"username"*>

<BR>密码:<INPUT type=*"password"* name=*"pwd"*>

<BR>确认密码:<input type=*"password"*>

<BR>性别<input type=*"radio"* name=*"a"*/>男

<input type=*"radio"* name=*"a"* />女

<BR>喜好<select size=*"1"*>

<option>音乐</option>

<option>美术</option>

<option>跑步</option>

<option>篮球</option>

<option>下棋</option>

</select>

<INPUT TYPE=*"hidden"* value=*"这是隐藏信息"* name=*"secret"*>

<p><INPUT TYPE=*"submit"* value=*"注册"* name=*"submit"*>

<INPUT TYPE=*"reset"* value=*"取消"* name=*"reset"*>

</FONT>

</FORM>

</BODY>

</HTML>

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

<html>

<head>

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

<title>注册成功</title>

</head>

<body><font size=*8* color=*red* >

<a href=*"login.jsp"*>注册成功,欢迎你！</a>

</font></body>

</html>

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

<html>

<head>

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

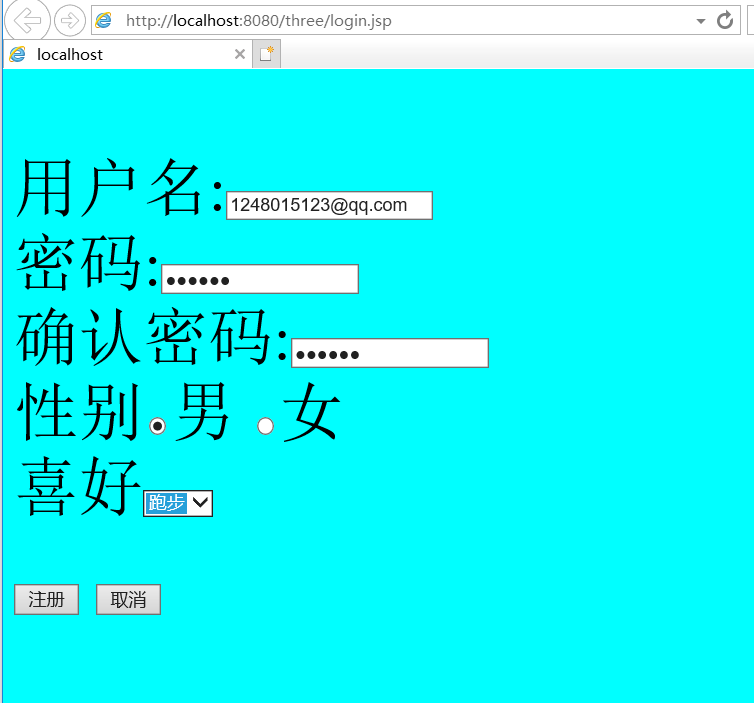
<title>注册失败</title>

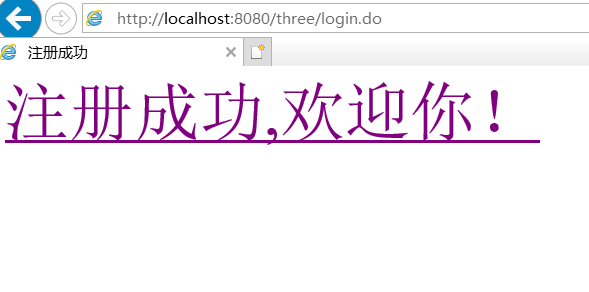
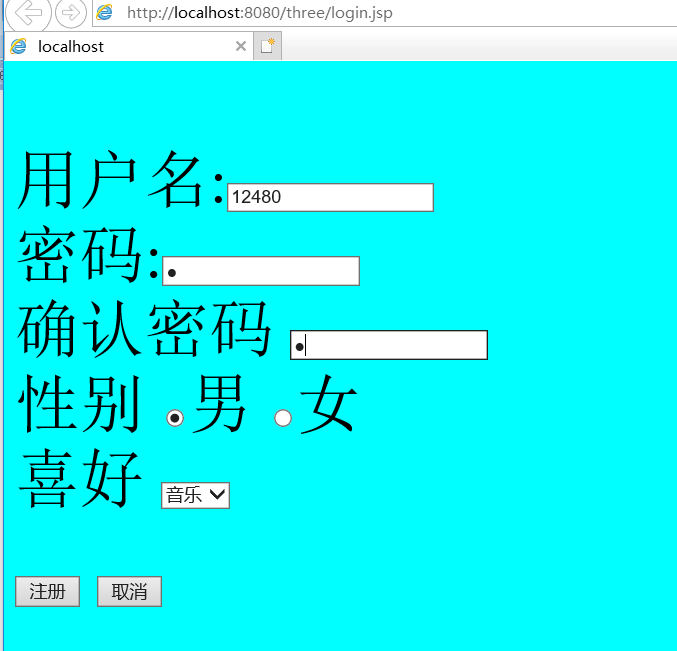
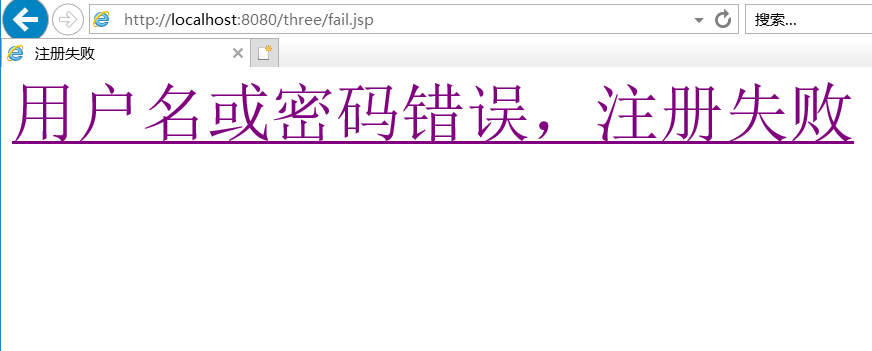
</head>

<body><font size=*8* color=*red* >

<a href=*"login.jsp"*>用户名或密码错误，注册失败</a>

</font></body>

</html>

1. 选做：预习第三章，思考并尝试完成P46的第1题。

**package** cc.openhome;

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

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

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

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

**import** javax.servlet.annotation.\*;

@SuppressWarnings("serial")

@WebServlet(name = "HelloServlet", urlPatterns = { "/hello.view" })

**public** **class** HelloServlet **extends** HttpServlet {

**public** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

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

PrintWriter out = response.getWriter();

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

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

out.println("<!DOCTYPE HTML PUBLIC \"-//W3C//DTD HTML 4.01 Transitional//EN\">");

out.println("<HTML>");

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

out.println("<BODY>");

**if**("caterpillar".equals(userName) && "123456".equals(password)){

out.println("登录成功");

}**else**{

out.println("登录失败！<br/>");

out.println("<a href='../index.jsp'>返回</a>");

}

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

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

out.flush();

out.close();

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

**throws** ServletException, IOException {

doGet(request,response);

}

}

<%@ page contentType=*"text/html;charset=utf-8"* %>

<form method=*"post"* action=*"hello.view"*>

<table>

　　<tr><td>用户名：</td><td><input type=*"text"* name=*"userName"* value=*""*/></td></tr>

　　<tr><td>密码：</td><td><input type=*"password"* name=*"password"* value=*""*/></td></tr>

　　<tr><td><input type=*"submit"* value=*"登录"*/></td><td></td></tr>

</table>

</form>

