**Java Web开发**

**实验三**

**作业报告**

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| --- | --- |
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# 实验题目

# 分析与设计

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”

关键源码（部分）

@WebServlet("/register.do")

**public** **class** Register **extends** HttpServlet {

**private** **static** **final** **long** serialVersionUID = 1L;

**private** **final** String USERS = "F:/users";

**private** **final** String SUCCESS\_VIEW = "RegisterSuccess.jsp";

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

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

**throws** ServletException, IOException {

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

HUI da = **new** Daoimpl();

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

String username =**new** String((request.getParameter("username")).getBytes("iso-8859-1"),"utf-8");

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

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

String major =**new** String((request.getParameter("major")).getBytes("iso-8859-1"),"utf-8");

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

String name =**new** String((request.getParameter("name")).getBytes("iso-8859-1"),"utf-8");

List<String> errors = **new** ArrayList<String>();

**if** (da.isInvalidUsername(username)) {

errors.add("用户名已存在或用户名为空");

System.out.println("用户名已存在或用户名为空");

}

**if** (da.isInvalidEmail(email)) {

errors.add("邮箱已存在或未填写邮箱或邮箱格式错误");

System.out.println("邮箱已存在或未填写邮箱或邮箱格式错误");

}

**if** (da.isInvalidPassword(password, confirmedPasswd)) {

errors.add("请确认密码符合格式并确认密码");

System.out.println("请确认密码符合格式并确认密码");

}

String resultPage = ERROR\_VIEW;

**if** (!errors.isEmpty()) {

request.setAttribute("errors", errors);

} **else** {

resultPage = SUCCESS\_VIEW;

createUserData(email, username, password,num,name,major);

}

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

}

**private** **void** **createUserData**(String email, String username, String password,String num,String name,String major)

**throws** IOException {

File userhome = **new** File(USERS + "/" + username);

userhome.mkdirs();

BufferedWriter writer = **new** BufferedWriter(**new** FileWriter(userhome

+ "/profile"));

writer.write(email+"\t"+password+"\t"+major+"\t"+num+"\t"+name);

writer.close();

}

2login

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

**throws** ServletException, IOException {

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

Dao da = **new** Daoimpl();

String code = (request.getParameter("vcode")).toLowerCase();

String text = (String) request.getSession().getAttribute("text");

String username = **new** String(

(request.getParameter("username")).getBytes("iso-8859-1"),"utf-8");

String M=getStudentMNN(username);

String[] MNN=M.split("\t");

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

request.getSession().setAttribute("major", MNN[0]);

request.getSession().setAttribute("num", MNN[1]);

request.getSession().setAttribute("name", MNN[2]);

System.out.println(code + " " + text);

System.out.println("账号 :" + username);

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

**if** (da.checklogin(username, password) && text.equals(code)) {

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

response);

request.getSession().removeAttribute(text);

} **else** {

response.sendRedirect(ERROR\_VIEW);

}

}

**public** String **getStudentMNN**(String username) **throws** IOException {

Students student = **new** Students();

String userhome = USERS + "/" + username + "/profile";

BufferedReader reader = **new** BufferedReader(**new** FileReader(userhome));

String[] count = reader.readLine().split("\t");

student.setMNN(count[0], count[2], count[3], count[4]);

**return** student.getMNN();

}

}

3 member

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

**throws** ServletException, IOException {

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

PrintWriter out = response.getWriter();

String major=(String) request.getSession().getAttribute("major");

String num=(String) request.getSession().getAttribute("num");

String name=(String) request.getSession().getAttribute("name");

System.out.print(name);

out.println("<!DOCTYPE HTML PUBLIC "

+ "'-//W3C//DTD HTML 4.01 Transitional//E'>");

out.println("<html>");

out.println("<head>");

out.println("<meta http-equiv='Content-Type' "

+ "content='text/html; charset=UTF-8'>");

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

out.println("<body background='img/c.jpg'>");

out.println("<h1>学生信息</h1>");

out.println("<h2>"+major+"<br>"+num+"<br>"+name+"</h2>");

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

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

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

out.close();

}

4 Error

**public** **class** Error **extends** HttpServlet {

**private** **static** **final** **long** serialVersionUID = 1L;

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

**throws** ServletException, IOException {

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

PrintWriter out = response.getWriter();

out.println("<!DOCTYPE HTML PUBLIC "

+ "'-//W3C//DTD HTML 4.01 Transitional//E'>");

out.println("<html>");

out.println("<head>");

out.println("<meta http-equiv='Content-Type' "

+ "content='text/html; charset=UTF-8'>");

out.println("<title>新增会员失败</title>");

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

out.println("<body background='img/c.jpg'>");

out.println("<h1>新增会员失败</h1>");

out.println("<u1 style='color:rgb(255,0,0);'>");

@SuppressWarnings("unchecked")

List<String> errors = (List<String>) request.getAttribute("errors");

**for** (String error : errors) {

out.println("<li>" + error + "</li>");

}

out.println("</u1>");

out.println("<a href='register.jsp'>返回注册页面</a>");

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

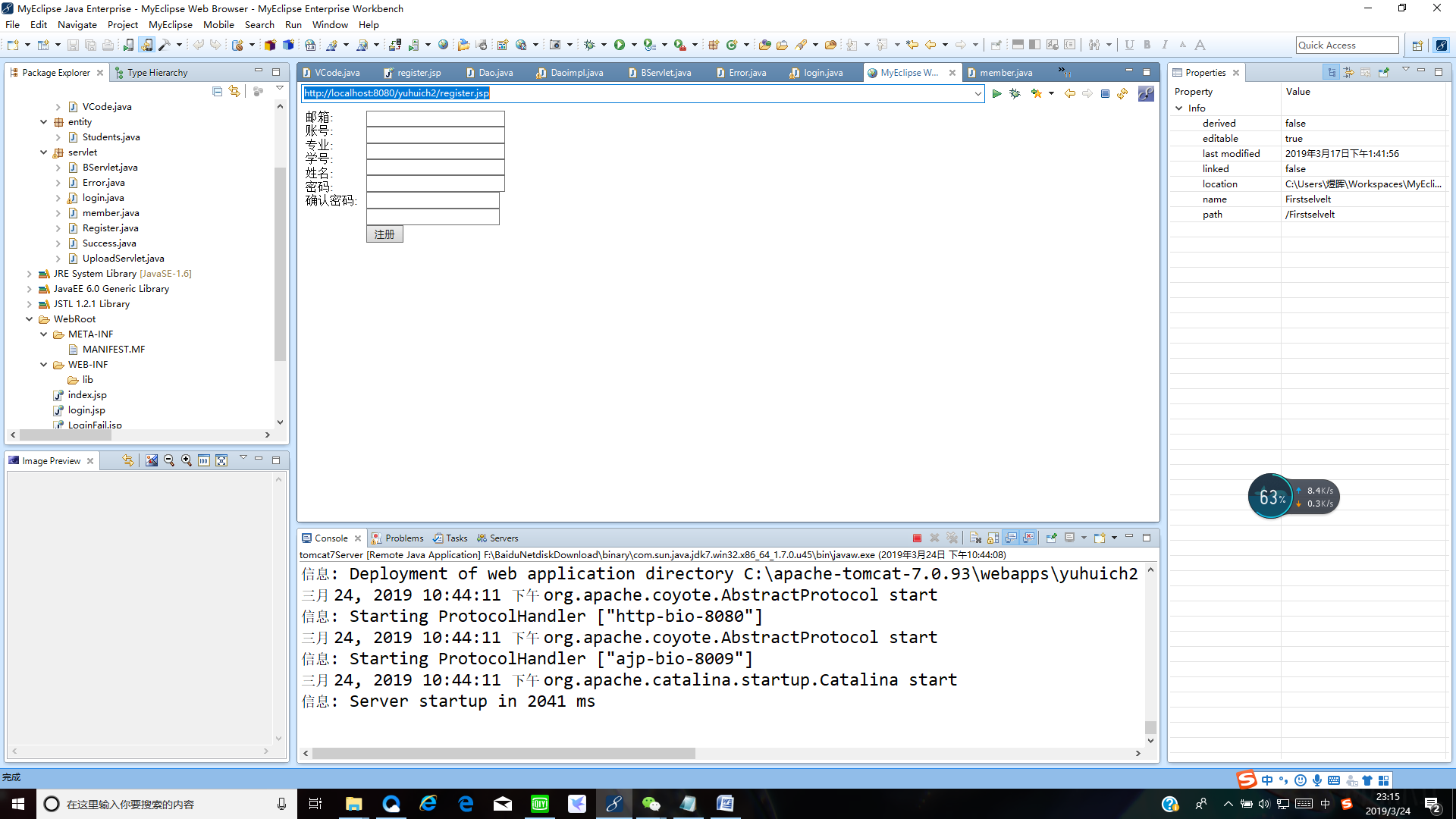
out.println("</html>");

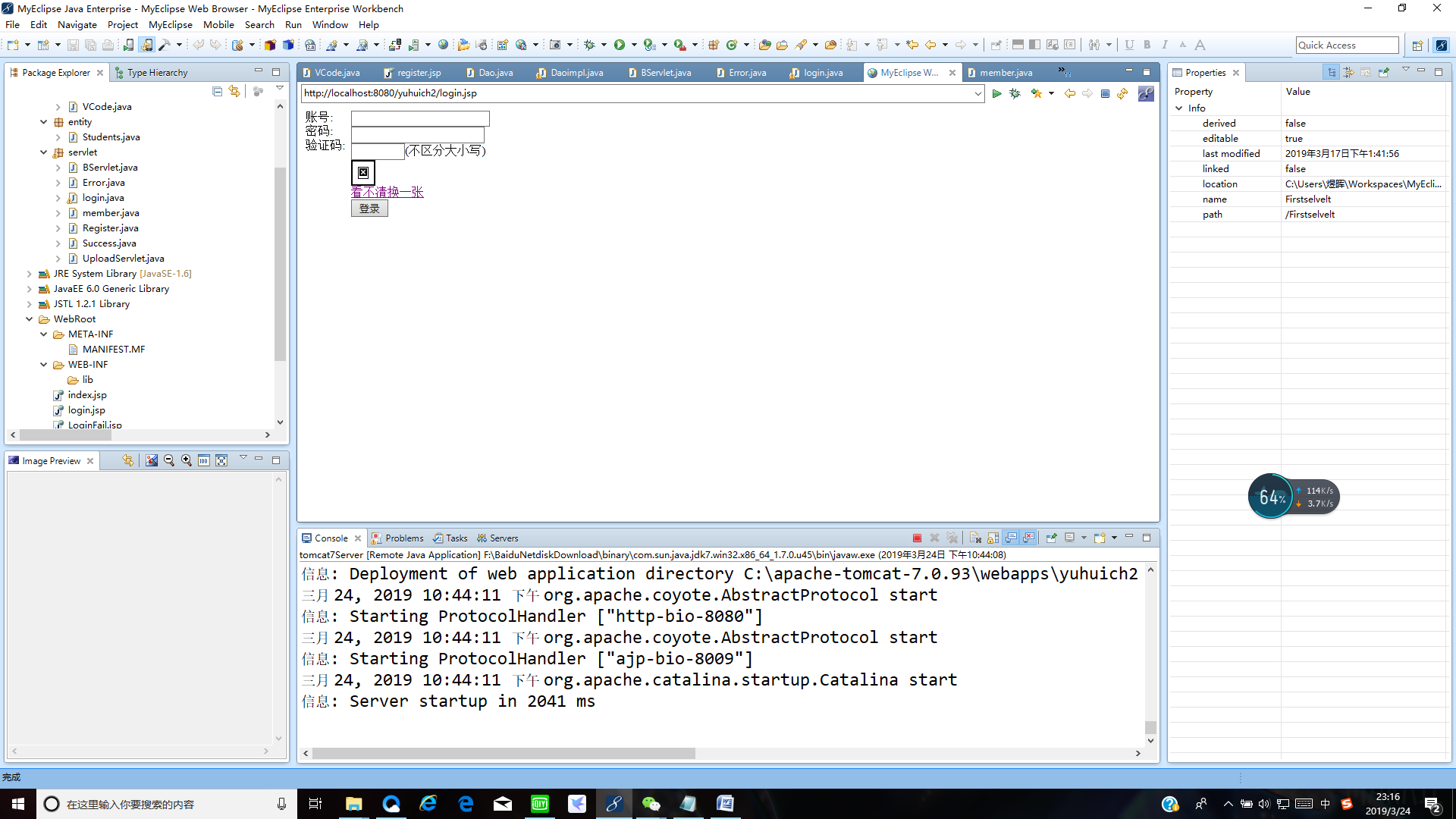
out.close();

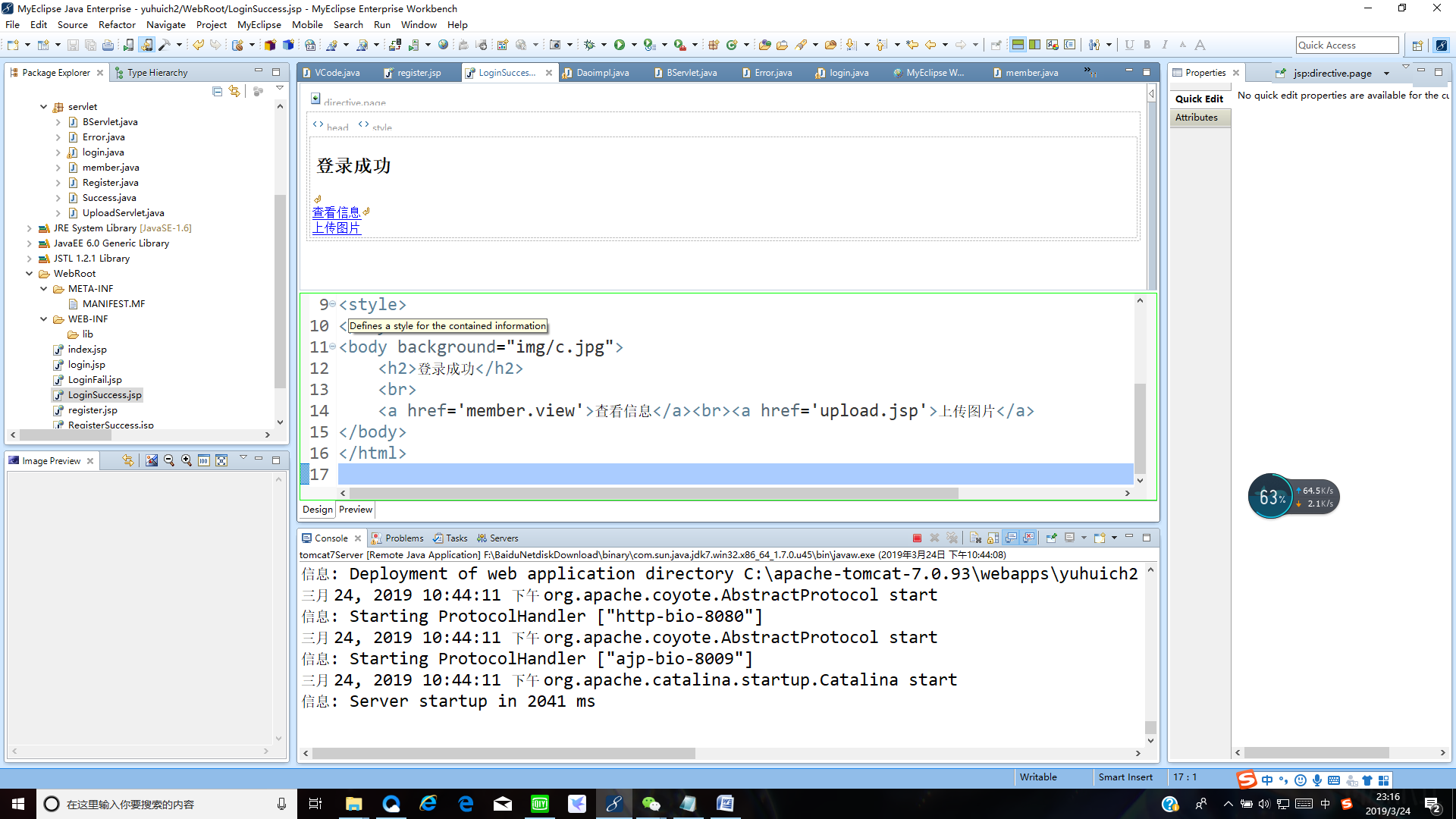
}

# }

# 运行效果图







# 收获与问题

谈一谈你在本实验中所收获的内容及问题。