

# 07-SpringMVC3

## 作业1 整理回顾今天的内容，把代码自己敲一遍

## 作业2 使用SpringMVC的HandlerInterceptor实现注册登录

实现一个功能页面。

并使用SpringMVC的interceptor增加一个功能：没有登陆的用户立即响应一个信息（没有登录）。  
包含两个请求

```
/hello  
/login  
两个请求，只有登录成功过，才能访问到hello请求  
(登陆的用户可以访问hello请求)
```

```
package com.jinghuayuan.interceptor;  
// Copyright 2021-2101 Pica.  
  
import org.springframework.context.annotation.ComponentScan;  
import org.springframework.stereotype.Component;  
import org.springframework.web.servlet.HandlerInterceptor;  
import org.springframework.web.servlet.ModelAndView;  
  
import javax.servlet.http.HttpServletRequest;  
import javax.servlet.http.HttpServletResponse;  
import javax.servlet.http.HttpSession;  
  
/**  
 * @ClassName UserHanblerInterceptor  
 * @Description TODO  
 * @Author 井华源  
 * @Date 2021/5/5 19:40  
 * @ModifyDate 2021/5/5 19:40  
 * @Version 1.0  
 */  
@Component  
public class UserHandlerInterceptor implements HandlerInterceptor {  
  
    @Override  
    public boolean preHandle(HttpServletRequest request, HttpServletResponse  
response, Object handler) throws Exception {  
        System.out.println("preHandle");  
        HttpSession session = request.getSession();  
        Object username = session.getAttribute("username");  
        if (username == null) { //session值为null  
            response.getWriter().write("Please Register...");  
            return false;  
        }  
        return true; //可以通过  
    }  
}
```

```

    @Override
    public void postHandle(HttpServletRequest request, HttpServletResponse
response, Object handler, ModelAndView modelAndView) throws Exception {
        System.out.println("postHandle");
    }

    @Override
    public void afterCompletion(HttpServletRequest request, HttpServletResponse
response, Object handler, Exception ex) throws Exception {
        System.out.println("afterCompletion");
    }
}

```

```

package com.jinghuayuan.controller;
// Copyright 2021-2101 Pica.

import com.jinghuayuan.vo.BaseRespVo;
import org.springframework.web.bind.annotation.PathVariable;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RestController;
import org.springframework.web.bind.annotation.SessionAttribute;
import org.springframework.web.servlet.HandlerInterceptor;
import org.springframework.web.servlet.ModelAndView;

import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

/**
 * @ClassName HelloController
 * @Description TODO
 * @Author 井华源
 * @Date 2021/5/5 19:32
 * @ModifyDate 2021/5/5 19:32
 * @Version 1.0
 */
@RestController
public class HelloController {

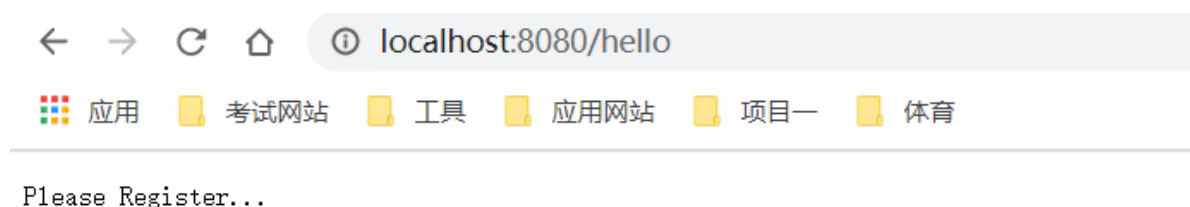
    @RequestMapping("hello")
    public BaseRespVo hello1(@SessionAttribute("username")String userName) {
        System.out.println("username:"+userName);
        return BaseRespVo.ok();
    }

    @RequestMapping("login/{name}")
    public BaseRespVo login(HttpSession session,@PathVariable("name") String
userName) {
        System.out.println("login");
        session.setAttribute("username",userName);
    }
}

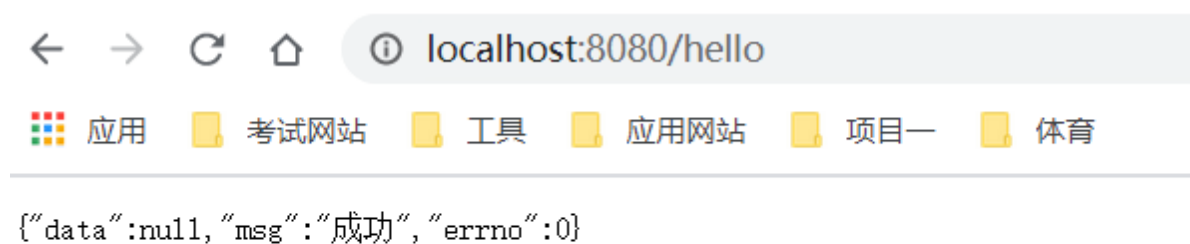
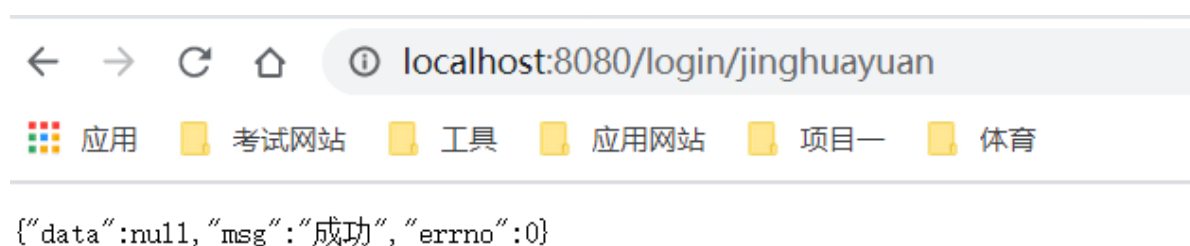
```

```
        return BaseRespVo.ok();  
    }  
}
```

## 未登录



## 已登录



## 作业3 通过异常处理器处理异常

写简单的登陆页面

如果用户名异常（比如超长），返回到用户名异常页面

如果密码异常（比如过短，比如不包含字母），返回到密码异常页面

如果请求参数中包含"yuanzhi",响应json数据

```

package com.jinghuayuan.controller;
// Copyright 2021-2101 Pica.

import com.jinghuayuan.bean.UserBo;
import com.jinghuayuan.exception.WordException;
import com.jinghuayuan.exception.WordException2;
import com.jinghuayuan.vo.BaseRespVo;
import org.springframework.validation.BindingResult;
import org.springframework.validation.FieldError;
import org.springframework.validation.annotation.Validated;
import org.springframework.web.bind.annotation.PathVariable;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RestController;

/**
 * @ClassName UserController
 * @Description TODO
 * @Author 井华源
 * @Date 2021/5/5 21:01
 * @ModifyDate 2021/5/5 21:01
 * @Version 1.0
 */
@RestController
public class UserController {

    @RequestMapping("login/{username}/{password}")
    public BaseRespVo login(@PathVariable("username") String userName,
        @PathVariable("password") String password) throws WordException, WordException2
    {
        if (userName.length() > 10) {
            //长度超过10
            throw new WordException("长度超过10", userName);
            //return BaseRespVo.fail(userName + "长度超过10");
        }
        if (password.length() < 6) {
            throw new WordException2("长度小于6", password);
            // return BaseRespVo.fail(password + "长度小于6");
        }
        if (userName.contains("yuanzhi")) {
            return BaseRespVo.ok(userName);
        }
        return BaseRespVo.ok();
    }
}

```

```

package com.jinghuayuan.advice;

```

```
// Copyright 2021-2101 Pica.

/**
 * @ClassName UserExceptionHandler
 * @Description TODO
 * @Author 井华源
 * @Date 2021/5/5 21:10
 * @ModifyDate 2021/5/5 21:10
 * @Version 1.0
 */

import com.jinghuayuan.exception.WordException;
import com.jinghuayuan.exception.WordException2;
import com.jinghuayuan.vo.BaseRespVo;
import org.springframework.web.bind.annotation.ExceptionHandler;
import org.springframework.web.bind.annotation.RestControllerAdvice;

import javax.servlet.http.HttpServletResponse;
import java.io.IOException;

/**
 * 向上抛出异常 → 就会进入到resolveException方法中
 */
@RestControllerAdvice
public class ExceptionControllerAdvice {

    @ExceptionHandler(WordException.class)
    public void result(WordException w, HttpServletResponse response) throws
IOException {
        String message = w.getMessage();
        response.getWriter().println("wrong
Username:"+message+"word:"+w.getword());
    }

    @ExceptionHandler(WordException2.class)
    public void result2(WordException2 w, HttpServletResponse response) throws
IOException {
        String message = w.getMessage();
        response.getWriter().println("wrong
password:"+message+"word:"+w.getword());
    }
}

```

- 用户名大于十位数

← → ↻ 🏠 ⓘ localhost:8080/login/jinghuayuan/1234567

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Wrong Username:?????10word:jinghuayuan

- 密码小于六位

← → ↻ 🏠 ⓘ localhost:8080/login/jingh/12345

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Wrong passWord:?????6word:12345

- 包含“yuanzhi”

← → ↻ 🏠 ⓘ localhost:8080/login/yuanzhi4/123456

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{"data":"yuanzhi4","msg":"成功","errno":0}