实验2 JSP基本语法

实验目的

- 1. 掌握 jsp表达式、程序段和声明, URL传值
- 2. 熟悉 jsp指令和动作的使用

基础相应类

```
java
      package com.xlf.school.experiment2.model;
4
      *基础响应类
      * 用于封装响应数据
      * 该类为所有响应类的基类
      * @since v1.0-SNAPSHOT
9
      * @since v1.1-SNAPSHOT
      * @author xiao_lfeng
12
13
      public class BaseResponse {
14
        private String output;
15
        private Integer code;
16
        private String message;
17
        private String data;
18
19
        public String getOutput() {
           return output;
21
        }
22
23
        public BaseResponse setOutput(String output) {
24
           this.output = output;
25
           return this;
26
        }
```

```
28
         public Integer getCode() {
29
            return code;
30
         }
31
32
         public BaseResponse setCode(Integer code) {
33
            this.code = code;
34
            return this;
35
         }
36
37
         public String getMessage() {
38
            return message;
39
         }
40
         public BaseResponse setMessage(String message) {
41
42
            this.message = message;
43
            return this;
44
         }
45
46
         public String getData() {
47
            return data;
         }
48
49
         public BaseResponse setData(String data) {
50
            this.data = data;
52
            return this;
53
         }
54
```

实验内容

- 1. 制作一个登录表单,输入账号和密码,如果账号和密码相符,则显示"登录成功",否则显示"登录失败"。:
- 源代码::

```
package com.xlf.school.experiment2.controller;

import com.google.gson.Gson;
```

```
import com.google.gson.reflect.TypeToken;
 5
      import com.xlf.school.experiment2.model.BaseResponse;
      import jakarta.servlet.annotation.WebServlet;
6
      import jakarta.servlet.http.HttpServlet;
8
      import jakarta.servlet.http.HttpServletRequest;
9
      import jakarta.servlet.http.HttpServletResponse;
10
      import org.jetbrains.annotations.NotNull;
11
      import java.io.IOException;
12
13
      import java.util.HashMap;
14
      import java.util.logging.Logger;
15
16
      /**
17
       * 用户登录控制器
18
       * 
19
       * 用于处理用户登录请求, 并返回登录结果
2.0
21
       * @ author xiao_lfeng
22
       * @since v1.0-SNAPSHOT
23
       * @since v1.1-SNAPSHOT
24
25
      @WebServlet("/api/v1/login")
26
      public class UserLoginController extends HttpServlet {
27
         private final Logger log = Logger.getLogger(UserLoginController.class.getName());
28
         private final Gson gson = new Gson();
2.9
30
         @Override
31
         protected void doPost(@NotNull HttpServletRequest req, @NotNull HttpServletResponse resp)
      throws IOException {
32
           resp.setContentType("application/json;charset=utf-8");
33
           String getBody = req.getReader().readLine();
34
           HashMap<String, String> getData = gson.fromJson(getBody, new TypeToken<>() {
           });
           log.info("username: " + getData.get("username") + ", password: " + getData.get("password"));
36
           // 模拟数据库部分数据,支持用户 xiao_lfeng 以及 debug
37
           if ("xiao_lfeng".equals(getData.get("username"))) {
38
39
              if ("20040227".equals(getData.get("password"))) {
                resp.getWriter().print(
40
41
                     new Gson().toJson(
42
                           new BaseResponse()
                                .setOutput("Success")
43
44
                                .setCode(200)
                                .setMessage("登录成功")
45
```

```
46
                      ));
47
              } else {
                 resp.getWriter().print(
48
49
                      new Gson().toJson(
50
                            new BaseResponse()
                                 .setOutput("Fail")
52
                                 .setCode(400)
53
                                 .setMessage("登录失败")
54
                      ));
55
              }
56
            } else if ("debug".equals(getData.get("username"))) {
57
              if ("123456".equals(getData.get("password"))) {
58
                 resp.getWriter().print(
                      new Gson().toJson(
59
                            new BaseResponse()
61
                                 .setOutput("Success")
62
                                 .setCode(200)
                                 .setMessage("登录成功")
63
64
                      ));
65
              } else {
66
                 resp.getWriter().print(
67
                      new Gson().toJson(
68
                            new BaseResponse()
69
                                 .setOutput("Fail")
70
                                 .setCode(400)
71
                                 .setMessage("登录失败")
72
                      ));
73
              }
74
            } else {
75
              resp.getWriter().print(
76
                    new Gson().toJson(
77
                         new BaseResponse()
78
                              .setOutput("Fail")
                              .setCode(404)
80
                              .setMessage("用户不存在")
81
                   ));
82
83
84
```

```
jsp

1 <%-- login.jsp --%>
```

```
< @ page contentType="text/html;charset=UTF-8" language="java" %>
      <!doctype html>
      <html lang="zh">
4
      <head>
 6
         <meta charset="UTF-8">
        <meta name="viewport"
8
            content="width=device-width, user-scalable=no, initial-scale=1.0, maximum-scale=1.0,
      minimum-scale=1.0">
        <meta http-equiv="X-UA-Compatible" content="ie=edge">
9
10
        <title>登录</title>
11
        <script src="https://cdn.tailwindcss.com"></script>
12
      </head>
13
      <body>
      <div class="mx-auto max-w-screen-xl px-4 py-16 sm:px-6 lg:px-8">
14
15
        <div class="mx-auto max-w-lg text-center">
16
           <h1 class="text-2xl font-bold sm:text-3xl"> 筱锋的登录</h1>
17
           18
19
             Java 实验作业登录界面
20
           </div>
21
2.2.
         <form action="#" class="mx-auto mb-0 mt-8 max-w-md space-y-4">
23
24
           <div>
             <label for="username" class="sr-only relative">
2.6
                <input
                     id="username"
27
28
                     type="text"
29
                     class="w-full rounded-lg border border-gray-200 p-4 pe-12 text-sm shadow-sm"
                     placeholder="输入用户名"
30
                />
31
             </label>
32
33
           </div>
           <div>
35
             <label for="password" class="sr-only relative">
36
                <input
37
                     id="password"
38
                     type="password"
39
                     class="w-full rounded-lg border border-gray-200 p-4 pe-12 text-sm shadow-sm"
                     placeholder="输入密码"
40
                />
41
42
             </label>
           </div>
43
```

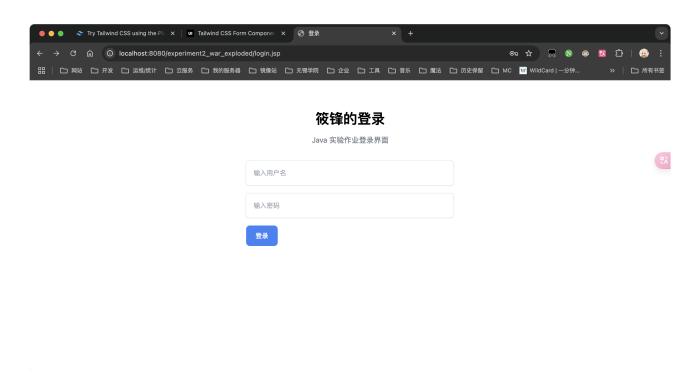
```
44
45
            <div class="flex items-center justify-between">
              <button type="submit"
46
                    class="inline-block rounded-lg bg-blue-500 px-5 py-3 text-sm font-medium text-white"
47
48
                 登录
50
              </button>
51
            </div>
52
         </form>
53
      </div>
54
      </body>
55
      <script type="application/javascript">
56
         document.querySelector('form').addEventListener('submit', function (event) {
57
            event.preventDefault();
            const username = document.getElementById('username').value;
59
            const password = document.getElementById('password').value;
60
            if (username == null || username === '') {
              alert('用户名不能为空');
61
62
              return;
63
64
            if (password == null || password === '') {
65
              alert('密码不能为空');
66
              return;
68
           // 发送数据
69
            fetch('api/v1/login', {
              method: 'POST',
70
71
              headers: {
72
                 'Content-Type': 'application/json'
73
              },
74
              body: JSON.stringify({
75
                 username: username,
                 password: password
              })
77
78
            }).then(response => {
79
              if (response.ok) {
80
                 return response.json();
81
              } else {
82
                 throw new Error('登录失败');
83
            }).then(data => {
84
85
              console.log('data:', data);
              if (data.output === "Success") {
86
```

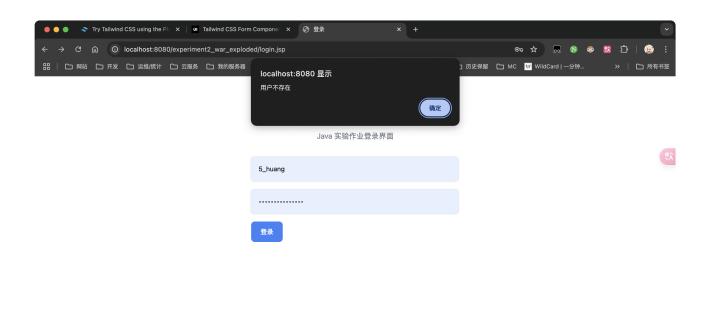
```
87
                 localStorage.setItem('X-USER-TOKEN', username);
88
                 alert('登录成功');
89
                 window.location.href = 'hello.jsp';
90
               } else {
91
                 alert(data.message);
92
93
            }).catch(error => {
94
              console.error('error:', error);
              alert('登录失败');
95
96
            });
97
         });
98
      </script>
      </html>
```

```
jsp
      <%-- hello.jsp --%>
 1
 2
      < @ page contentType="text/html;charset=UTF-8" language="java" %>
3
      <!doctype html>
4
      <html lang="zh">
      <head>
         <meta charset="UTF-8">
         <meta name="viewport"
8
            content="width=device-width, user-scalable=no, initial-scale=1.0, maximum-scale=1.0,
      minimum-scale=1.0">
9
         <meta http-equiv="X-UA-Compatible" content="ie=edge">
10
         <title>欢迎您</title>
11
         <script src="https://cdn.tailwindcss.com"></script>
12
      </head>
13
      <body>
      <div class="grid gap-3 min-h-dvh bg-gray-100">
14
         <div class="m-8">
16
           <div class="grid gap-3 bg-white rounded-lg shadow-lg p-4">
              <div>欢迎您: </div>
17
              <div class="font-bold text-2x1" id="dom-user">[USER]</div>
18
19
           </div>
         </div>
20
21
      </div>
22
      </body>
      <script type="application/javascript">
23
24
        // 页面加载完毕后执行
25
        window.onload = function () {
26
           const user = localStorage.getItem('X-USER-TOKEN');
```

```
27
            console.log('user:', user);
28
            if (user == null || user === '') {
29
              alert('请先登录');
30
              window.location.href = 'login.jsp';
            } else {
              document.getElementById('dom-user').innerText = user;
33
            }
34
         };
35
      </script>
36
      </html>
```

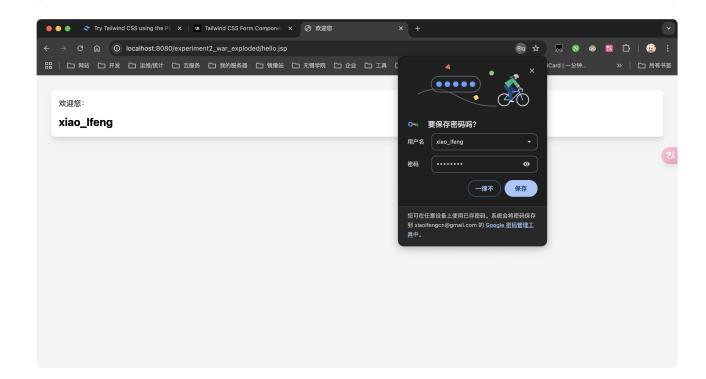
● 截图 ::











- 2. 制作一个学生信息管理系统的注册功能,表单的样式自己设计。:...
- 源代码::

```
package com.xlf.school.experiment2.controller;

import com.google.gson.Gson;
import jakarta.servlet.ServletException;
```

```
import jakarta.servlet.annotation.WebServlet;
6
      import jakarta.servlet.http.HttpServlet;
7
      import jakarta.servlet.http.HttpServletRequest;
8
      import jakarta.servlet.http.HttpServletResponse;
9
      import org.jetbrains.annotations.NotNull;
10
11
      import java.io.IOException;
12
      import java.util.logging.Logger;
13
14
      /**
15
      * 用户注册控制器
16
      * 
17
      * 用于处理用户注册请求, 并返回注册结果
18
19
      * @since v1.0-SNAPSHOT
20
      * @version v1.0-SNAPSHOT
21
      * @author xiao_lfeng
      */
22
23
      @WebServlet("/api/v1/register")
      public class UserRegisterController extends HttpServlet {
24
25
         private final Logger log = Logger.getLogger(UserRegisterController.class.getName());
26
         @Override
27
28
         protected void doPost(@NotNull HttpServletRequest req, @NotNull HttpServletResponse resp)
      throws IOException {
2.9
           // 接收消息体
30
           String getBody = req.getReader().readLine();
31
           log.info("RequestBody: " + getBody);
32
           // 输出消息体
33
           resp.setContentType("application/json;charset=utf-8");
34
           resp.getWriter().print(getBody);
35
         }
36
```

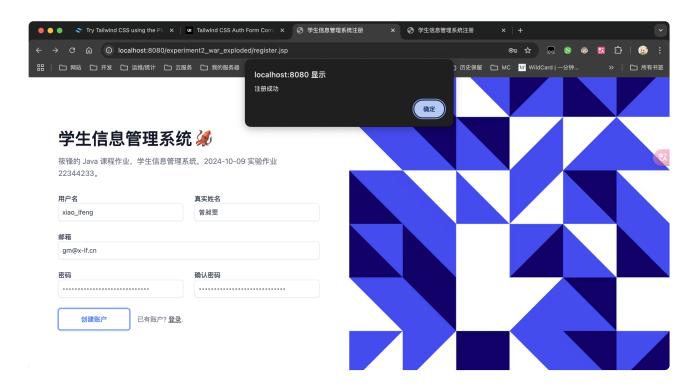
```
content="width=device-width, user-scalable=no, initial-scale=1.0, maximum-scale=1.0,
      minimum-scale=1.0">
 8
        <meta http-equiv="X-UA-Compatible" content="ie=edge">
 0
        <title>学生信息管理系统注册</title>
        <script src="https://cdn.tailwindcss.com"></script>
      </head>
11
12
      <body>
13
      <section class="bg-white">
        <div class="lg:grid lg:min-h-screen lg:grid-cols-12">
14
15
           <aside class="relative block h-16 lg:order-last lg:col-span-5 lg:h-full xl:col-span-6">
16
             <img
17
                  alt=""
18
                  src="https://images.unsplash.com/photo-1605106702734-205df224ecce?ixlib=rb-
      1.2.1&ixid=MnwxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8&auto=format&fit=crop&w
      =870&q=80"
19
                  class="absolute inset-0 h-full w-full object-cover"
2.0
             />
           </aside>
21
22
23
           <main
24
                class="flex items-center justify-center px-8 py-8 sm:px-12 lg:col-span-7 lg:px-16 lg:py-
      12 x1:col-span-6"
25
             <div class="max-w-x1 lg:max-w-3x1">
27
                <h1 class="mt-6 text-2xl font-bold text-gray-900 sm:text-3xl md:text-4xl">
2.8
                  学生信息管理系统 🔏
29
                </h1>
                31
32
                  筱锋的 Java 课程作业,学生信息管理系统,2024-10-09 实验作业 22344233。
33
                34
                <form action="#" class="mt-8 grid grid-cols-6 gap-6">
                  <div class="col-span-6 sm:col-span-3">
36
                     <label for="username" class="block text-sm font-medium text-gray-700">
37
                       用户名
38
                     </label>
40
                     <input
41
                          type="text"
42
                          id="username"
                          name="username"
43
44
                          class="p-2 border w-full rounded-md border-gray-200 bg-white text-sm text-
      gray-700 shadow-sm"
```

```
/>
45
                    </div>
46
                   <div class="col-span-6 sm:col-span-3">
47
                      <label for="realname" class="block text-sm font-medium text-gray-700">
48
49
                         真实姓名
                      </label>
51
52
                      <input
                           type="text"
53
54
                           id="realname"
                           name="realname"
55
56
                           class="p-2 border w-full rounded-md border-gray-200 bg-white text-sm text-
      gray-700 shadow-sm"
                      />
57
                    </div>
59
                   <div class="col-span-6">
                      <label for="email" class="block text-sm font-medium text-gray-700">
60
                         邮箱
61
62
                      </label>
63
                      <input
64
                           type="email"
65
                           id="email"
                           name="email"
66
                           class="p-2 border w-full rounded-md border-gray-200 bg-white text-sm text-
      gray-700 shadow-sm"
                      />
68
                    </div>
69
71
                   <div class="col-span-6 sm:col-span-3">
                      <label for="password" class="block text-sm font-medium text-gray-700">
72
73
                         密码
74
                      </label>
                      <input
                           type="password"
76
                           id="password"
77
78
                           name="password"
79
                           class="p-2 border w-full rounded-md border-gray-200 bg-white text-sm text-
      gray-700 shadow-sm"
80
                      />
                    </div>
81
82
83
                   <div class="col-span-6 sm:col-span-3">
84
                      <label for="password_confirm" class="block text-sm font-medium text-gray-700">
```

```
85
                         确认密码
 86
                      </label>
87
                      <input
88
                           type="password"
 89
                           id="password_confirm"
 90
                           name="password_confirm"
91
                           class="p-2 border w-full rounded-md border-gray-200 bg-white text-sm text-
       gray-700 shadow-sm"
                      />
92
93
                    </div>
94
                    <div class="col-span-6 sm:flex sm:items-center sm:gap-4">
95
                      <button
                           class="inline-block shrink-0 rounded-md border border-blue-600 bg-blue-600
96
       px-12 py-3 text-sm font-medium text-white transition hover:bg-transparent hover:text-blue-600
       focus:outline-none focus:ring active:text-blue-500"
97
98
                         创建账户
99
                      </button>
100
                      102
                         已有账户?
                         <a href="login.jsp" class="text-gray-700 underline">登录</a>.
104
105
                    </div>
106
                 </form>
               </div>
107
            </main>
108
109
          </div>
110
       </section>
111
       </body>
112
       <script type="application/javascript">
113
          document.querySelector('form').addEventListener('submit', function (event) {
114
            event.preventDefault();
115
            const username = document.getElementById('username').value;
116
            const realname = document.getElementById('realname').value;
            const email = document.getElementById('email').value;
117
118
            const password = document.getElementById('password').value;
119
            const password_confirm = document.getElementById('password_confirm').value;
120
            if (username == null || username === ") {
               alert('用户名不能为空');
121
122
               return;
123
            if (realname == null || realname === '') {
124
```

```
125
               alert('真实姓名不能为空');
126
               return;
127
128
            if (email == null || email === '') {
129
               alert('邮箱不能为空');
130
               return;
131
132
            if (password == null || password === '') {
133
               alert('密码不能为空');
134
               return;
135
            }
136
            if (password_confirm == null || password_confirm === '') {
137
               alert('确认密码不能为空');
138
               return;
139
140
            if (password !== password_confirm) {
141
               alert('两次密码输入不一致');
142
               return;
143
            }
144
            // 发送数据
            fetch('api/v1/register', {
145
146
               method: 'POST',
147
               headers: {
                  'Content-Type': 'application/json'
148
149
               },
150
               body: JSON.stringify({
151
                  username: username,
152
                  realname: realname,
153
                  email: email,
154
                  password: password
155
               })
            }).then(response => {
156
157
               return response.json();
158
            }).then(data => {
159
               alert(data);
160
            }).catch(error => {
161
               alert('注册失败');
162
            });
163
          });
164
       </script>
165
       </html>
```

● 截图 ::



3. 编写一个"计算找零"的页面,在页面上输入应付款、实际付款,提交,在页面底部显示应该找零的数量和各种面值的张数,例如:找零是56元,应付款为50元1张,5元1张,1元1张。假设有50、20、10、5、1这5种面值。...

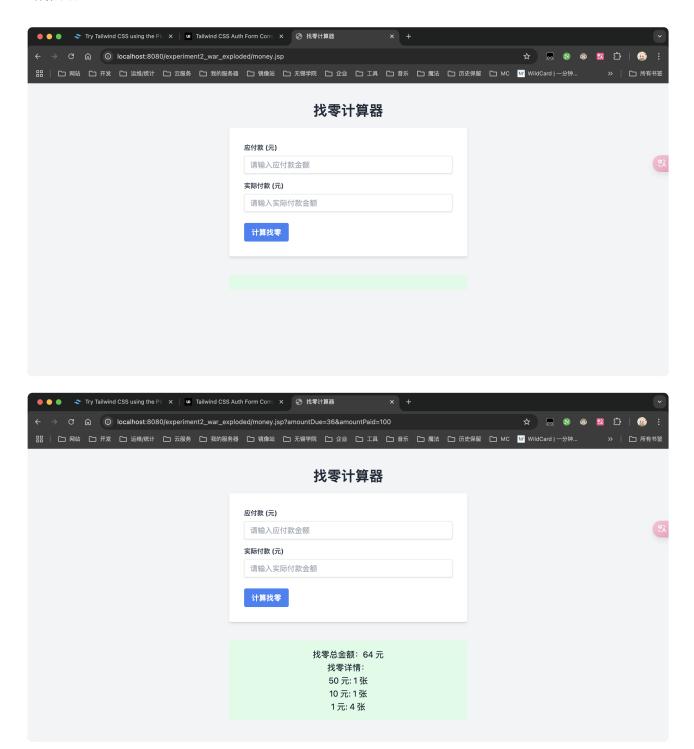
• 源代码::

```
jsp
      < @ page contentType="text/html;charset=UTF-8" language="java" %>
      < @ page import="java.util.LinkedHashMap" %>
3
      <%
4
        // 获取表单输入数据
5
        String amountDue = request.getParameter("amountDue");
        String amountPaid = request.getParameter("amountPaid");
6
        String changeResult = "";
 7
8
9
        // 判断是否已输入应付款和实际付款
10
        if (amountDue != null && amountPaid != null && !amountDue.isEmpty() &&
      !amountPaid.isEmpty()) {
11
           try {
12
             int due = Integer.parseInt(amountDue);
13
             int paid = Integer.parseInt(amountPaid);
```

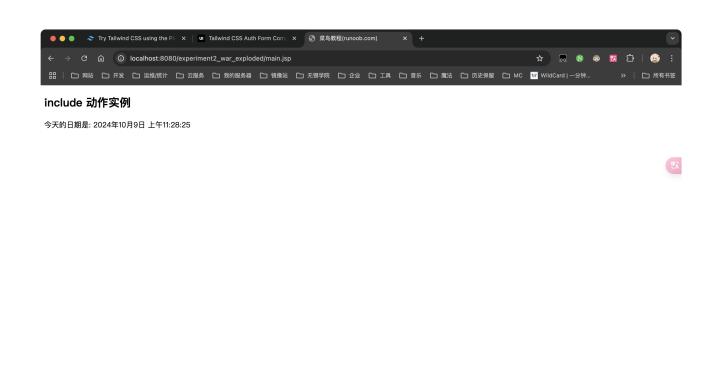
```
14
             int change = paid - due;
15
             // 计算找零
16
17
             if (change < 0) {
18
                changeResult = "付款不足!请支付足够金额。";
19
             } else if (change == 0) {
20
                changeResult = "没有找零,您支付的金额正好。";
21
             } else {
                // 面值数组
22
23
                int[] denominations = \{50, 20, 10, 5, 1\};
                LinkedHashMap<Integer, Integer> changeDetails = new LinkedHashMap<>();
24
25
                // 计算每种面值的张数
2.6
                for (int denom : denominations) {
                  int count = change / denom;
29
                  if (count > 0) {
                     changeDetails.put(denom, count);
                     change -= denom * count;
31
32
                  }
33
                }
34
35
                // 拼接找零信息
                StringBuilder sb = new StringBuilder();
36
                sb.append("找零总金额: ").append(paid - due).append(" 元<br>");
                sb.append("找零详情: <br>");
38
39
                for (Integer denom : changeDetails.keySet()) {
                  sb.append(denom).append(" 元: ").append(changeDetails.get(denom)).append(" 张
40
      <br/>br>");
41
42
                changeResult = sb.toString();
43
44
           } catch (NumberFormatException e) {
             changeResult = "输入格式错误,请输入整数金额。";
46
           }
47
        }
      %>
48
49
      <!DOCTYPE html>
50
      <html lang="zh">
51
      <head>
52
        <meta charset="UTF-8">
        <title>找零计算器</title>
53
54
         <script src="https://cdn.tailwindcss.com"></script>
      </head>
55
```

```
56
                <body class="bg-gray-100 text-gray-800">
57
                <div class="container mx-auto mt-10">
58
                      <h1 class="text-3xl font-bold text-center mb-5">找零计算器</h1>
59
                      <div class="bg-white p-8 rounded shadow-md max-w-lg mx-auto">
                            <form method="GET" action="money.jsp">
                                   <div class="mb-4">
                                        <a href="mailto:<a href="mailto:<a href="mailto:">label</a> class="block text-gray-700 text-sm font-bold mb-2" for="amountDue">
62
63
                                               应付款(元)
                                        </label>
64
                                        <input type="text" id="amountDue" name="amountDue"</pre>
65
                                                   class="shadow appearance-none border rounded w-full py-2 px-3 text-gray-700
66
                leading-tight focus:outline-none focus:shadow-outline"
                                                   placeholder="请输入应付款金额">
67
68
                                  </div>
                                   <div class="mb-6">
                                        <a href="mailto:</a> <a href="lambel"><a href="lambel"><a href="mailto:"><a href="mailto:"><a href="mailto:"><a href="mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"mailto:"
71
                                               实际付款(元)
                                        </label>
72
73
                                        <input type="text" id="amountPaid" name="amountPaid"</pre>
                                                   class="shadow appearance-none border rounded w-full py-2 px-3 text-gray-700
74
                leading-tight focus:outline-none focus:shadow-outline"
75
                                                   placeholder="请输入实际付款金额">
76
                                  </div>
                                  <div class="flex items-center justify-between">
78
                                        <button type="submit"
79
                                                    class="bg-blue-500 hover:bg-blue-700 text-white font-bold py-2 px-4 rounded
                focus:outline-none focus:shadow-outline">
80
                                               计算找零
                                        </button>
81
82
                                  </div>
83
                            </form>
84
                      </div>
                      <div class="mt-10 text-center text-lg bg-green-100 p-4 rounded max-w-lg mx-auto">
                            <% if (!changeResult.isEmpty()) { %>
                            <div class="text-gray-900">
87
                                  <%= changeResult %>
88
89
                            </div>
90
                            <% } %>
91
                      </div>
92
               </div>
93
               </body>
94
                </html>
```

● 截图 ::



4. 看程序写结果(一): jsp:include动作元素的使用:



5. 看程序写结果(二):使用setIntHeader()方法和setRefreshHeader()方法来模拟一个数字时钟:



6. 看程序写结果(三): HTTP信息头示例:..



HTTP 头部请求实例

Header Name	Header Value(s)
host	localhost:8080
connection	keep-alive
sec-ch-ua	"Google Chrome";v="129", "Not=A?Brand";v="8", "Chromium";v="129"
sec-ch-ua-mobile	20
sec-ch-ua-platform	"macOS"
upgrade-insecure-requests	1
user-agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/129.0.0.0 Safari/537.36
accept	text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
sec-fetch-site	none
sec-fetch-mode	navigate
sec-fetch-user	21
sec-fetch-dest	document
accept-encoding	gzip, deflate, br, zstd
accept-language	zh-US,zh;q=0.9,en-US;q=0.8,en;q=0.7,zh-CN;q=0.6
cookie	JSESSIONID=1F944AED7E0030148D2253F89DC975EE; Idea-1565728f=23a56564-5430-4fa7-92f2-7755c98b5f19