UserMapper 中添加

```
//添加用户
@Insert("INSERT INTO user (uname,e_mail,pass,age,sex) VALUES (#{uname},#
{eMail},#{pass},'18','男')")
boolean addUser(User user);
```

UserService中添加

```
//注册
ResponseResult reg(User user);
```

UserServiceImpl中添加

```
@override
public ResponseResult reg(User user) {
   ResponseResult result = new ResponseResult();
   //判断邮箱是否被注册
   User u = userMapper.getUser(user.getEMail());
   System.out.println(u);
   if (u!=null){//已经被注册
       result.setCode(-1);//操作失败
       result.setMessage("此邮箱已经被注册");
   }
   else {//没有被注册
       boolean b = userMapper.addUser(user);
       if (b){
           result.setCode(0);
           result.setMessage("注册成功");
       }
       else{
           result.setCode(-1);//操作失败
           result.setMessage("注册失败,请重新注册");
       }
   }
   return result;
}
```

UserController添加

```
@ResponseBody
@RequestMapping("/reg")
public ResponseResult reg(String name, String eMail,String pass){
    User user = new User();//所有的内容都是空的
    user.setUname(name);
    user.setEMail(eMail);
    user.setPass(pass);
    ResponseResult result = userService.reg(user);
    return result;
}
```

log.html登录页面中覆盖

```
<!DOCTYPE html>
    <html>
    <head>
    <meta charset="utf-8">
        <title>登录注册</title>
<style>
        *{
        padding: 0;
        margin: 0;
body{
    background: #CCCCCC;
}
#d1{
   width: 300px;
    position: relative;
    top: 100px;
   left: 150px;
   color: #CCCCCC;
}
#zc{
   width: 300px;
    position: relative;
    top: 100px;
    left: 700px;
    display:none;
    color: #CCCCCC;
}
#main{
    width: 100%;
    height: 600px;
    padding-top: 150px;
}
#bg{
    width: 1000px;
    height: 300px;
    margin:auto;
    background: rgba(34, 34, 34, 0.85);
}
#d{
    width: 900px;
    height:400px;
```

```
margin:-340px auto;
}
#d>div{
   width: 450px;
    height: 400px;
    background: #ffffff;
    float: left;
    box-shadow: 2px 0 15px rgba(0 0 0 0.25);
}
#zc_{
   visibility: hidden;
#login-button,#signup-button{
    background-color: transparent;
    margin-top: 20px;
    border: 1px solid #ccc;
    border-radius: 3px;
    padding: 10px 30px;
    color: #fff;
}
.forms_field-input{
    width: 350px;
    /* border-bottom: 1px solid #ccc; */
    padding: 6px 20px 6px 6px;
    font-family: "Montserrat", sans-serif;
    font-size: 1rem;
    font-weight: 300;
    color: gray;
}
#d1_>div{
    width: 350px;
   margin: 80px auto;
}
#zc_>div{
   width: 350px;
    margin: 60px auto;
}
.forms_buttons-forgot{
    background-color: transparent;
    border: 0;
    font-family: "Montserrat", sans-serif;
    color: #ccc;
    text-decoration: underline;
}
.forms_buttons-action{
    border: 0;
    background-color: #e8716d;
    border-radius: 3px;
    padding: 10px 35px;
    font-size: 1rem;
    font-family: "Montserrat", sans-serif;
    font-weight: 300;
    color: #fff;
}
</style>
</head>
```

```
<body>
   <div id="main">
       <div id="bq">
          <div id="d1">
              <h2>没有账号?</h2>
点击按钮注册成为会员.
<button id="signup-button">注册</button>
</div>
<div id="zc">
   <h2>已有账号?</h2>
点击按钮会员登录.
<button id="login-button">登录</button>
   </div>
   </div>
   <div id="d">
   <div id="zc_">
   <div>
   <h2>注册</h2>
   <br>
   <form id="zc f">
   <input type="text" placeholder="名称" id="zc_name" class="forms_field-input"</pre>
/>
   <br>
   <br>
   <input type="text" placeholder="邮箱" name="e_" class="forms_field-input" />
   <br>
   <input type="password" placeholder="密码" name="pass" class="forms_field-</pre>
input"/>
   <br>
   <br>
   <br>
   <input type="button"id="zc_button" value="注册" class="forms_buttons-action">
   </form>
   </div>
   </div>
   <div id="d1_">
   <div>
   <h2>登录</h2>
   <br>
   <form id="d1_f">
   <input type="text" placeholder="邮箱" name="e_" class="forms_field-input" />
   <br>
   <br>>
   <input type="password" placeholder="密码" name="pass" class="forms_field-</pre>
input"/>
   <br>
   <br>
   <br>
   <button type="button" class="forms_buttons-forgot">忘记密码?</button>
            
             
   <input type="button" value="登录" id="dl_button" class="forms_buttons-
action">
   </form>
   </div>
   </div>
```

```
</div>
         </div>
         <script>
        var dl = document.getElementById("dl");
var zc = document.getElementById("zc");
var dl_ = document.getElementById("dl_");
var zc_ = document.getElementById("zc_");
var dl_button = document.getElementById("dl_button");
var zc_button = document.getElementById("zc_button");
document.getElementById("signup-button").onclick = function(){
        // alert("没有账号");
        dl.style.display = 'none';
        zc.style.display = 'block';
        zc_.style.visibility = 'visible';
         dl_.style.visibility = 'hidden';
}
document.getElementById("login-button").onclick =function(){
        // alert("已有账号");
        dl.style.display = 'block';
        zc.style.display = 'none';
        zc_.style.visibility = 'hidden';
        dl_.style.visibility = 'visible';
}
dl_button.onclick = function(){
        var form = document.getElementById("dl_f");
        var elements = new Array();
        var tagElements = form.getElementsByTagName('input');
        for (var j = 0; j < tagElements.length; <math>j++){
                  elements.push(tagElements[j]);
        }
        var e_ = elements[0].value;
        var pass = elements[1].value;
        var reg = new RegExp("^[a-z0-9]+([._\-]*[a-z0-9])*@([a-z0-9]+[-a-z0-9]*[a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9]+[-a-z0-9])*@([a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+[-a-z0-9]+
z0-9]+.){1,63}[a-z0-9]+$"); //邮箱正则表达式
        if(!reg.test(e_)){
                  alert("邮箱输入不正确");
        }
         else if(pass.length<6){</pre>
                  alert("密码长度不得小于6");
         else{//信息填写无误
                 // alert("邮箱"+e_+"密码"+pass +"登录成功");
                  f1(e_,pass);
         }
zc_button.onclick = function(){
        var form = document.getElementById("zc_f");
        var elements = new Array();
        var tagElements = form.getElementsByTagName('input');
         for (\text{var } j = 0; j < \text{tagElements.length}; j++){}
                  elements.push(tagElements[j]);
        var name = elements[0].value;
        var e_ = elements[1].value;
        var pass = elements[2].value;
```

```
z0-9]+.){1,63}[a-z0-9]+$"); //邮箱正则表达式
   if(name==''||name==null){
       alert("名称不得为空")
   else if(!reg.test(e_)){
       alert("邮箱输入不正确");
   else if(pass.length<6){</pre>
       alert("密码长度不得小于6");
   }
   else{
       f2(name,e_,pass);
   }
}
function f1(e_,pass){//登录
   var data = "username="+e_+"&password="+pass;
   var xhr = new XMLHttpRequest();
   xhr.open("post","user/login",true);
   xhr.setRequestHeader("Content-Type","application/x-www-form-urlencoded");
   xhr.onreadystatechange = function(){
       if(xhr.readyState == 4 && (xhr.status == 200||xhr.status == 384)){
           var xr = xhr.responseText
           var json = JSON.parse(xr);
           if (json.code==0){
               alert("登录成功")
               location.href = "index.html";
           }
           else {
               alert(json.message)
           }
       }
   };
   xhr.send(data);
function f2(name,e_,pass) {
   var data = "name="+name+"&eMail="+e_+"&pass="+pass;
   var xhr = new XMLHttpRequest();
   xhr.open("post","user/reg",true);
   xhr.setRequestHeader("Content-Type","application/x-www-form-urlencoded");
   xhr.onreadystatechange = function(){
       if(xhr.readyState == 4 & (xhr.status == 200 | |xhr.status == 384))
           var xr = xhr.responseText
           var json = JSON.parse(xr);
           if (json.code==0){
               alert("注册成功")
               location.href = "log.html";
           }
           else {
               alert(json.message);
           }
       }
   };
   xhr.send(data);
}
</script>
</body>
</html>
```