**实验一 报告**

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上课节次：周五 12 节 日期：2022.3.4

**注意：**

1.文件名为“学号­\_姓名\_实验一报告.docx”，PDF格式也可以。不按照该规范命名，则视为未交回实验报告；

2.本次实验请在1周内完成，交到云班课。

1. **实验目标：**
2. 熟悉Vue开发工具，学会安装Vue-CLI脚手架工具，安装WebStorm，在Chrome浏览器“扩展程序”中安装Vue devtools调试工具（6.0 beta以上版本）。
3. 学会使用Vue-CLI脚手架工具在自己的电脑上建立项目，并运行调试。
4. **实验内容：**
5. 新建一个网页index01.html，通过引用cdn资源方式引入Vue.js，在浏览器中使用Vue.js devtools工具进行调试。
6. 使用Vue-CLI脚手架命令并使用webpack 创建项目，命令格式：vue init webpack 项目名，项目名称为mycss02，使用WebStorm打开项目，在网站首页加入Css3动画特效，自己设计动画特效或参考网上资源，要求网页适配手机屏幕。
7. 使用Vue-CLI脚手架GUI工具，创建一个Web项目，项目名称.为myLogin02，使用WebStorm打开项目，编写一个简单的登录页面（设置为首页），点击登录按钮，可提示信息或跳转到新的欢迎页面，本题只要求设计出登录页面基本的效果，要求网页适配手机屏幕。（选做：使用模拟数据进行用户名和密码验证）

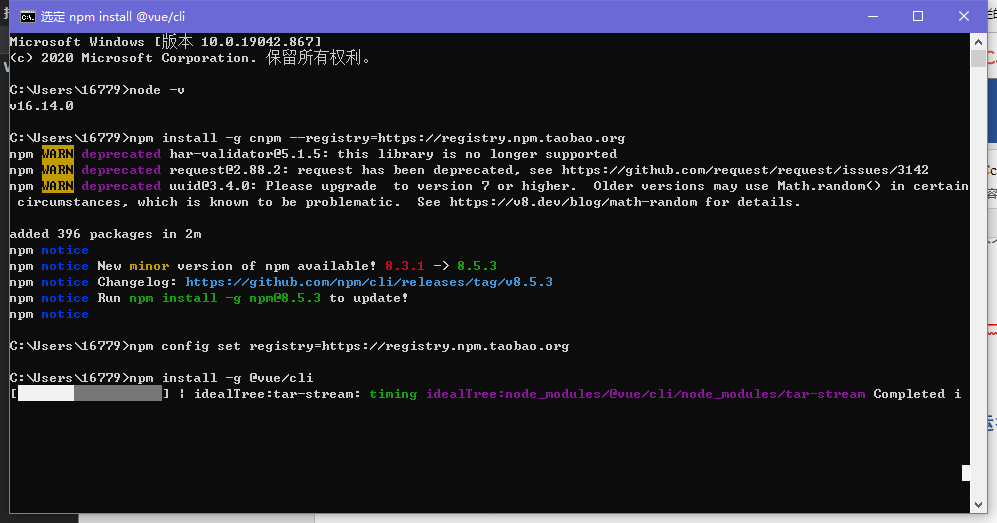
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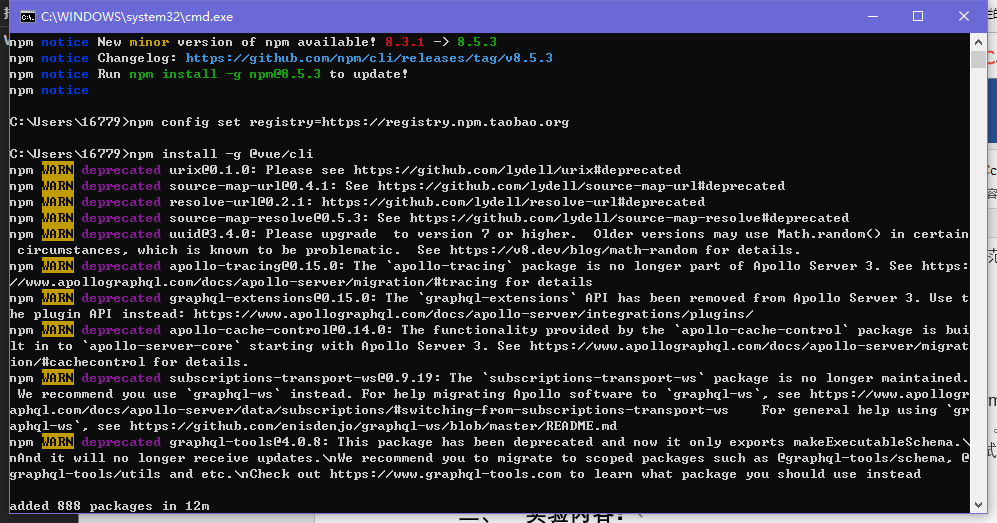
1. **实验详细过程和步骤、运行的成果：**

**（请描述详细的实验过程，并截图展示实验过程及最终的运行成果。）**

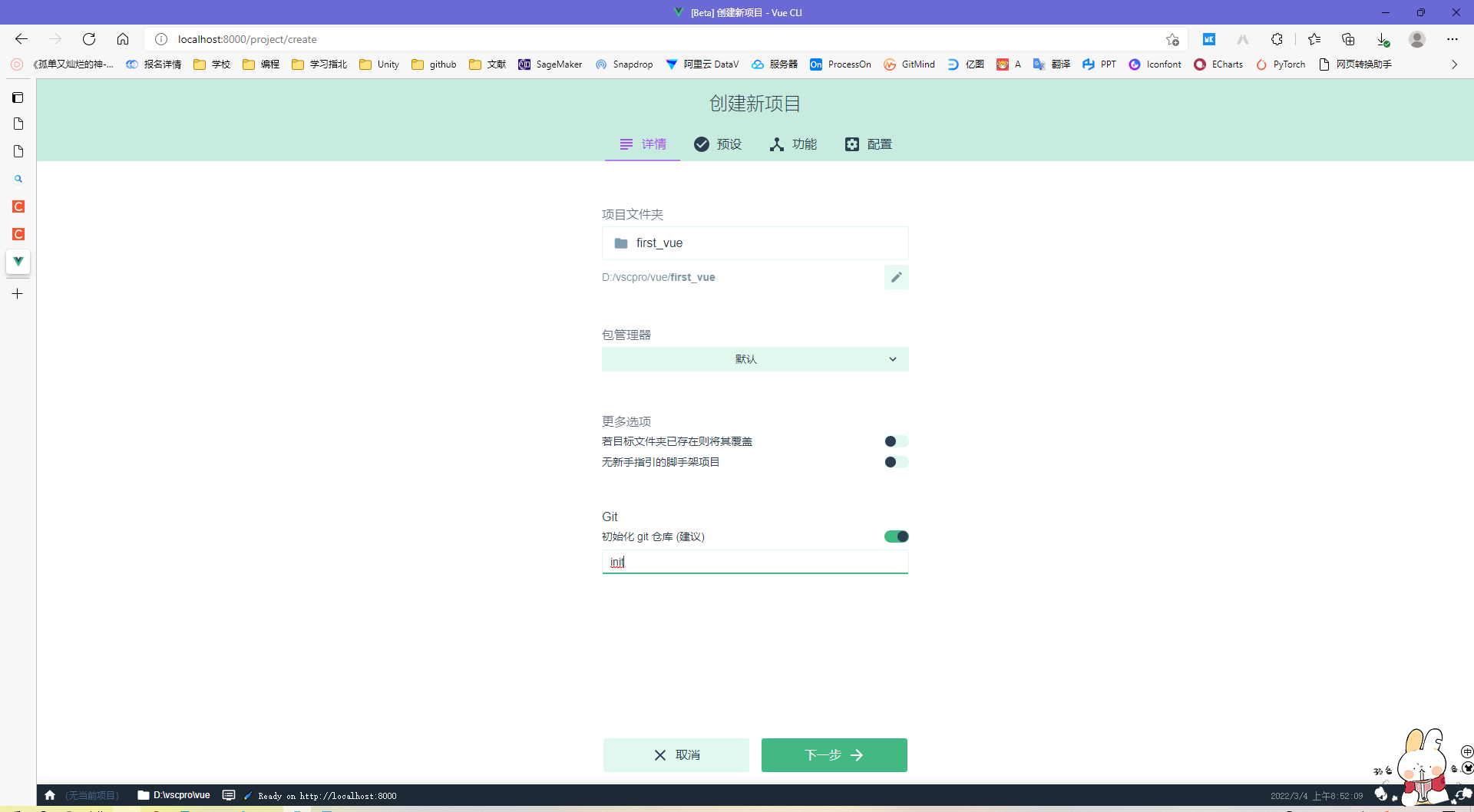
准备工作：

配置环境和工具：





新建vue项目，使用vue ui命令：



**实验一：**

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| 1. 安装配置Vue调试插件    2. 打开实验一压缩包的文件夹中html文件进行调试    3. F12使用vue devtools调试工具进行调试，修改文字与图片 |

**实验二：**

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| 1. 在vscode配置好vue环境，使用vue init webpack mycss02创建项目    2. 使用cd命令进入项目目录，使用npm run dev运行        3. 由于Vue-cli3没有vue.config.js文件，于是新建一个并如下填写本机IP和端口号    4. vue.config.js 的配置会作用到 webpack-dev-server上，在局域网内使用手机查看    5. 寻找css3动画效果文件代码并测试动画效果（烧烤冒烟）      6. 手机打开查看 |

**实验三：**

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| 1. 使用vue init webpack myLogin02创建项目并编写登录界面    也可以点击左下角Sign Up注册，有图片改变位置的动画效果    2. 测试登录数据，当且仅当Username与Password取“123”时登陆成功并弹出提示    3. 反之则弹出错误提示    4. 登陆成功后即可成功跳转    5. 以下是手机屏幕适配情况：        可以看出，这些界面均可实现良好交互、适配效果。 |

1. **心得体会：**

在之前有自学html+css+javascript，虽然vue盛名在外，缺没有来得及学习vue。特别是很久没有写过网页前端，编码技能生疏许多。在此次实验上，由第一题我慢慢回忆起了html的语法，第二题联想到了css与js文件如何于html链接，层层递进，由浅入深，逐步掌握了基本的vue文件结构，弄清楚了一些基本规则，大致明白了在什么地方写什么代码。比如说vue中引入组件以及父子组件的数据交互，任意vue文件都可以看做一个组件。在项目中我们一般使用的应该都是单文件组件，单文件组件与页面结构无异，是具有完整功能的一个模块。比如一个评论框，我们可以剥离成一个组件，在任意页面文件中引入这个组件。在这个过程中学习vue语法知识，也逐渐打开视角，构建开发的整体意识，感觉受益匪浅。

1. **代码：**

**实验二：**

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| <!DOCTYPE html>  <html>    <head>      <meta charset="utf-8">      <meta name="viewport" content="width=device-width,initial-scale=1.0">      <title>mycss02</title>      <link rel="stylesheet" href="css/normalize.css">      <link rel="stylesheet" href="css/style.css" media="screen" type="text/css" />      <script src="js/modernizr.js"></script>    </head>    <body>    <div style="text-align:center;clear:both;">      <script src="/gg\_bd\_ad\_720x90.js" type="text/javascript"></script>      <script src="/follow.js" type="text/javascript"></script>    </div>      <div class="BBQ">        <div class="meat"></div>        <div class="sausage"></div>        <div class="corn"></div>        <div class="waterbamboo"></div>        <div class="shrimp"></div>        <div class="clams"></div>        <div class="greenpepper"></div>        <div class="smoke"></div>      </div>      <script src='js/angular.js'></script>      <script src="js/index.js"></script>    </body>  </html> |

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| --- |
| :before,  :after {    content: '';  }  .BBQ {    border-radius: 50%/20% 70%;    box-shadow: 40px 48px 0 #333, -32px -49.6px 0 #333, -40px 25.6px 0 #333, 28.8px -36.8px 0 #333, 8px 80px #333, -64px 72px #333, 88px 19.2px #333, -104px 25.6px #333, -88px -25.6px #333, -96px 104px #333, -40px 128px #333, 24px 128px #333, 80px 96px #333, -16px 40px 0 120px #C33, -16px 40px 0 140px #333;    position: relative;    width: 40px;    height: 40px;    margin: 220px auto;    background: #333;  }  .BBQ:before, .BBQ:after {    box-shadow: 18.4px 0 0 #999, 36.8px 0 0 #999, 55.2px 0 0 #999, 73.6px 0 0 #999, 92px 0 0 #999, 110.4px 0 0 #999, 128.8px 0 0 #999, 147.2px 0 0 #999, 165.6px 0 0 #999, 184px 0 0 #999, 202.4px 0 0 #999, 220.8px 0 0 #999, 239.2px 0 0 #999, 257.6px 0 0 #999;    display: block;    position: absolute;    top: -90px;    left: -130px;    width: 5px;    height: 300px;    background: #999;  }  .BBQ:after {    -ms-transform: rotate(90deg);    -webkit-transform: rotate(90deg);    transform: rotate(90deg);    top: -220px;    left: 0;  }  .BBQ .meat {    border-radius: 50%/30% 70% 25% 50%;    box-shadow: 0 0 0 6px rgba(255, 255, 255, 0.3) inset, 0 0 6px rgba(33, 33, 33, 0.3);    position: absolute;    top: 70px;    left: 40px;    width: 80px;    height: 80px;    background: #B45227;    z-index: 1;  }  .BBQ .meat:before, .BBQ .meat:after {    border-radius: 45%;    box-shadow: 15px 0 0 0 rgba(33, 33, 33, 0.2), 30px 0 0 0 rgba(33, 33, 33, 0.2);    position: absolute;    display: block;    width: 4px;    height: 60%;    background: rgba(33, 33, 33, 0.2);  }  .BBQ .meat:before {    -ms-transform: rotate(30deg);    -webkit-transform: rotate(30deg);    transform: rotate(30deg);    top: 9px;    left: 24px;  }  .BBQ .meat:after {    -ms-transform: rotate(-60deg);    -webkit-transform: rotate(-60deg);    transform: rotate(-60deg);    top: 30px;    left: 30px;  }  .BBQ .sausage {    border-radius: 10px;    box-shadow: -6px 0 8px 0 rgba(92, 0, 0, 0.8) inset, 2px 0 2px 0 rgba(33, 33, 33, 0.5), 0 0 5px rgba(33, 33, 33, 0.5);    position: absolute;    top: 60px;    left: -52px;    width: 25px;    height: 100px;    background: #A00;    z-index: 1;  }  .BBQ .sausage:before {    box-shadow: -1px 2px 2px 0 rgba(33, 33, 33, 0.5) inset;    position: relative;    top: 100%;    display: block;    margin: 0 auto;    width: 5px;    height: 30px;    background: #F2E6CA;  }  .BBQ .sausage:after {    border-radius: 0 25px 25px 0;    filter: progid:DXImageTransform.Microsoft.Alpha(Opacity=30);    opacity: 0.3;    box-shadow: 1px -1px 0 1px rgba(33, 0, 0, 0.7), 0 22px 0 0 #632121, 1px 21px 0 1px rgba(33, 0, 0, 0.7), 0 44px 0 0 #632121, 1px 43px 0 1px rgba(33, 0, 0, 0.7);    position: absolute;    top: 22%;    left: 0;    display: block;    width: 55%;    height: 7px;    background: #632121;  }  .BBQ .corn {    border-radius: 9px;    box-shadow: 4px -2px 4px rgba(99, 33, 99, 0.3) inset, -10px -2px 10px rgba(99, 33, 99, 0.5) inset, 0 0 5px rgba(33, 33, 33, 0.3);    position: absolute;    top: 60px;    left: -12px;    width: 35px;    height: 100px;    background: #F2D204;    z-index: 1;  }  .BBQ .corn:before {    box-shadow: -1px 2px 2px 0 rgba(33, 33, 33, 0.5) inset;    position: relative;    top: 100%;    display: block;    margin: 0 auto;    width: 5px;    height: 30px;    background: #F2E6CA;  }  .BBQ .corn:after {    border-radius: 2px;    filter: progid:DXImageTransform.Microsoft.Alpha(Opacity=20);    opacity: 0.2;    box-shadow: 1px 1px 0 rgba(33, 33, 33, 0.3), 8px 0 0 #F2D204, 9px 1px 0 rgba(33, 33, 33, 0.5), 16px 0 0 #F2D204, 17px 1px 0 rgba(33, 33, 33, 0.5), 24px 0 0 #F2D204, 25px 1px 0 rgba(33, 33, 33, 0.2), 0 8px 0 #F2D204, 1px 9px 0 rgba(33, 33, 33, 0.3), 8px 8px 0 #F2D204, 9px 9px 0 rgba(33, 33, 33, 0.5), 16px 8px 0 #F2D204, 17px 9px 0 rgba(33, 33, 33, 0.5), 24px 8px 0 #F2D204, 25px 9px 0 rgba(33, 33, 33, 0.2), 0 16px 0 #F2D204, 1px 17px 0 rgba(33, 33, 33, 0.3), 8px 16px 0 #F2D204, 9px 17px 0 rgba(33, 33, 33, 0.5), 16px 16px 0 #F2D204, 17px 17px 0 rgba(33, 33, 33, 0.5), 24px 16px 0 #F2D204, 25px 17px 0 rgba(33, 33, 33, 0.2), 0 24px 0 #F2D204, 1px 25px 0 rgba(33, 33, 33, 0.3), 8px 24px 0 #F2D204, 9px 25px 0 rgba(33, 33, 33, 0.5), 16px 24px 0 #F2D204, 17px 25px 0 rgba(33, 33, 33, 0.5), 24px 24px 0 #F2D204, 25px 25px 0 rgba(33, 33, 33, 0.2), 0 32px 0 #F2D204, 1px 33px 0 rgba(33, 33, 33, 0.3), 8px 32px 0 #F2D204, 9px 33px 0 rgba(33, 33, 33, 0.5), 16px 32px 0 #F2D204, 17px 33px 0 rgba(33, 33, 33, 0.5), 24px 32px 0 #F2D204, 25px 33px 0 rgba(33, 33, 33, 0.2), 0 40px 0 #F2D204, 1px 41px 0 rgba(33, 33, 33, 0.3), 8px 40px 0 #F2D204, 9px 41px 0 rgba(33, 33, 33, 0.5), 16px 40px 0 #F2D204, 17px 41px 0 rgba(33, 33, 33, 0.5), 24px 40px 0 #F2D204, 25px 41px 0 rgba(33, 33, 33, 0.2), 0 48px 0 #F2D204, 1px 49px 0 rgba(33, 33, 33, 0.3), 8px 48px 0 #F2D204, 9px 49px 0 rgba(33, 33, 33, 0.5), 16px 48px 0 #F2D204, 17px 49px 0 rgba(33, 33, 33, 0.5), 24px 48px 0 #F2D204, 25px 49px 0 rgba(33, 33, 33, 0.2), 0 56px 0 #F2D204, 1px 57px 0 rgba(33, 33, 33, 0.3), 8px 56px 0 #F2D204, 9px 57px 0 rgba(33, 33, 33, 0.5), 16px 56px 0 #F2D204, 17px 57px 0 rgba(33, 33, 33, 0.5), 24px 56px 0 #F2D204, 25px 57px 0 rgba(33, 33, 33, 0.2), 0 64px 0 #F2D204, 1px 65px 0 rgba(33, 33, 33, 0.3), 8px 64px 0 #F2D204, 9px 65px 0 rgba(33, 33, 33, 0.5), 16px 64px 0 #F2D204, 17px 65px 0 rgba(33, 33, 33, 0.5), 24px 64px 0 #F2D204, 25px 65px 0 rgba(33, 33, 33, 0.2), 0 72px 0 #F2D204, 1px 73px 0 rgba(33, 33, 33, 0.3), 8px 72px 0 #F2D204, 9px 73px 0 rgba(33, 33, 33, 0.5), 16px 72px 0 #F2D204, 17px 73px 0 rgba(33, 33, 33, 0.5), 24px 72px 0 #F2D204, 25px 73px 0 rgba(33, 33, 33, 0.2), 0 80px 0 #F2D204, 1px 81px 0 rgba(33, 33, 33, 0.3), 8px 80px 0 #F2D204, 9px 81px 0 rgba(33, 33, 33, 0.5), 16px 80px 0 #F2D204, 17px 81px 0 rgba(33, 33, 33, 0.5), 24px 80px 0 #F2D204, 25px 81px 0 rgba(33, 33, 33, 0.2), 0 88px 0 #F2D204, 1px 89px 0 rgba(33, 33, 33, 0.3), 8px 88px 0 #F2D204, 9px 89px 0 rgba(33, 33, 33, 0.5), 16px 88px 0 #F2D204, 17px 89px 0 rgba(33, 33, 33, 0.5), 24px 88px 0 #F2D204, 25px 89px 0 rgba(33, 33, 33, 0.2);    position: absolute;    top: 2px;    left: 0;    display: block;    width: 22%;    height: 6%;  }  .BBQ .waterbamboo {    background-image: -webkit-linear-gradient(bottom, #ffffff 0%, #96c56f 30%);    background-image: linear-gradient(to top, #ffffff 0%, #96c56f 30%);    box-shadow: -5px 0 5px rgba(33, 33, 33, 0.4) inset, 0 0 3px rgba(33, 33, 33, 0.3);    border-radius: 70%/60% 10% 0 0;    position: absolute;    top: 30px;    left: -95px;    display: block;    width: 25px;    height: 170px;    border-top: 0;    z-index: 1;  }  .BBQ .waterbamboo:before {    background-image: -webkit-linear-gradient(bottom, rgba(0, 0, 0, 0) 0%, #428c42 50%);    background-image: linear-gradient(to top, rgba(0, 0, 0, 0) 0%, #428c42 50%);    box-shadow: -1px -1px 1px 0 rgba(33, 66, 33, 0.2);    border-radius: 35% 15% 0 0/70% 30% 0 0;    position: absolute;    top: -5px;    right: 0;    display: block;    width: 16px;    height: 70%;  }  .BBQ .shrimp {    border-radius: 60%/30% 40% 10% 70%;    background-image: -webkit-radial-gradient(circle at center right, rgba(0, 0, 0, 0) 67%, #cc4a04 68%, #ef6921 74%, #ef6921 85%, rgba(33, 33, 33, 0.2) 86%, rgba(0, 0, 0, 0) 90%);    background-image: radial-gradient(circle at center right, rgba(0, 0, 0, 0) 67%, #cc4a04 68%, #ef6921 74%, #ef6921 85%, rgba(33, 33, 33, 0.2) 86%, rgba(0, 0, 0, 0) 90%);    position: absolute;    top: -35px;    left: -10px;    display: block;    width: 86px;    height: 70px;    z-index: 1;  }  .BBQ .shrimp:before {    -ms-transform: rotate(24deg);    -webkit-transform: rotate(24deg);    transform: rotate(24deg);    border-radius: 85% 85% 50% 50%/120% 120% 50% 50%;    box-shadow: 1px -35px 0 -7px #EF6921, 0 -36px 1px -7px rgba(33, 33, 33, 0.2), 5px -23px 0 -8px #EF6921, 5px -23px 1px -7px rgba(33, 33, 33, 0.2), 0 -2px 0 0 rgba(222, 222, 222, 0.3) inset, -2px 1px 2px rgba(33, 33, 33, 0.2);    position: absolute;    top: -24px;    left: 15px;    display: block;    width: 18px;    height: 45px;    background: #EF6921;  }  .BBQ .shrimp:after {    border-radius: 50%;    background-image: -webkit-radial-gradient(circle at top center, #ef6921 35%, rgba(0, 0, 0, 0) 36%), -webkit-radial-gradient(circle at center left, #ef6921 27%, #cc4a04 37%, rgba(0, 0, 0, 0) 38%);    background-image: -webkit-radial-gradient(top center, circle, #ef6921 35%, rgba(0, 0, 0, 0) 36%), -webkit-radial-gradient(circle at center left, #ef6921 27%, #cc4a04 37%, rgba(0, 0, 0, 0) 38%);    background-image: radial-gradient(circle at top center, #ef6921 35%, rgba(0, 0, 0, 0) 36%), radial-gradient(circle at center left, #ef6921 27%, #cc4a04 37%, rgba(0, 0, 0, 0) 38%);    box-shadow: -13px -86px 0 -9px rgba(222, 222, 222, 0.5), -14px -85px 0 -7px #212121;    position: absolute;    top: 60px;    left: 25px;    display: block;    width: 22px;    height: 22px;  }  .BBQ .clams {    border-radius: 10px 30px 10px 50px;    background-image: -webkit-radial-gradient(circle at top right, #c8c8c8 22%, #827909 30%, #212121 35%, #212121 50%, #665a07 65%, #827909 70%, #c8c8c8 72%, #665a07 75%);    background-image: -webkit-radial-gradient(top right, circle, #c8c8c8 22%, #827909 30%, #212121 35%, #212121 50%, #665a07 65%, #827909 70%, #c8c8c8 72%, #665a07 75%);    background-image: radial-gradient(circle at top right, #c8c8c8 22%, #827909 30%, #212121 35%, #212121 50%, #665a07 65%, #827909 70%, #c8c8c8 72%, #665a07 75%);    box-shadow: 0 0 5px rgba(33, 33, 33, 0.3) inset, -1px 1px 5px rgba(33, 33, 33, 0.3);    position: absolute;    top: -58px;    left: -80px;    width: 40px;    height: 40px;    display: block;    z-index: 1;  }  .BBQ .clams:after {    border-radius: 10px 30px 10px 50px;    background-image: -webkit-radial-gradient(circle at top right, #c8c8c8 22%, #827909 30%, #212121 35%, #212121 50%, #665a07 65%, #827909 70%, #c8c8c8 72%, #665a07 75%);    background-image: radial-gradient(circle at top right, #c8c8c8 22%, #827909 30%, #212121 35%, #212121 50%, #665a07 65%, #827909 70%, #c8c8c8 72%, #665a07 75%);    box-shadow: 0 0 5px rgba(33, 33, 33, 0.3) inset, -1px 1px 5px rgba(33, 33, 33, 0.3);    display: block;    position: absolute;    top: 130%;    left: 40%;    width: 100%;    height: 100%;  }  .BBQ .greenpepper {    -ms-transform: rotate(180deg);    -webkit-transform: rotate(180deg);    transform: rotate(180deg);    box-shadow: -1px 1px 2px 0 rgba(33, 33, 33, 0.5) inset;    position: absolute;    top: -60px;    left: 75px;    width: 5px;    height: 120px;    background: #F2E6CA;    z-index: 1;  }  .BBQ .greenpepper:before, .BBQ .greenpepper:after {    border-radius: 30% 40%/10% 20%;    background-image: -webkit-linear-gradient(45deg, rgba(0, 0, 0, 0) 20%, rgba(33, 99, 33, 0.3) 50%, rgba(0, 0, 0, 0) 75%), -webkit-linear-gradient(330deg, rgba(0, 0, 0, 0) 0%, rgba(33, 120, 33, 0.6) 40%, rgba(0, 0, 0, 0) 65%, rgba(33, 99, 33, 0.5) 100%), -webkit-linear-gradient(45deg, #299a0b 45%, rgba(33, 99, 33, 0.3) 55%, #299a0b 75%), -webkit-linear-gradient(bottom, #299a0b 0%, #299a0b 100%);    background-image: linear-gradient(45deg, rgba(0, 0, 0, 0) 20%, rgba(33, 99, 33, 0.3) 50%, rgba(0, 0, 0, 0) 75%), linear-gradient(120deg, rgba(0, 0, 0, 0) 0%, rgba(33, 120, 33, 0.6) 40%, rgba(0, 0, 0, 0) 65%, rgba(33, 99, 33, 0.5) 100%), linear-gradient(45deg, #299a0b 45%, rgba(33, 99, 33, 0.3) 55%, #299a0b 75%), linear-gradient(to top, #299a0b 0%, #299a0b 100%);    box-shadow: 2px 2px 1px rgba(33, 33, 33, 0.3) inset, 0 0 3px rgba(33, 33, 33, 0.3);    position: relative;    display: block;    left: -25px;    margin-top: 6px;    width: 50px;    height: 35px;  }  .BBQ .smoke {    border-radius: 50%;    -webkit-animation: roastSmoke 5s ease-in-out infinite;    animation: roastSmoke 5s ease-in-out infinite;    background-image: -webkit-radial-gradient(ellipse at center center, rgba(33, 33, 33, 0.3) 0%, rgba(0, 0, 0, 0) 50%);    background-image: -webkit-radial-gradient(center center, ellipse, rgba(33, 33, 33, 0.3) 0%, rgba(0, 0, 0, 0) 50%);    background-image: radial-gradient(ellipse at center center, rgba(33, 33, 33, 0.3) 0%, rgba(0, 0, 0, 0) 50%);    position: absolute;    top: 0;    left: 0;    width: 100px;    height: 60px;    z-index: 2;  }  .BBQ .smoke:before {    border-radius: 50%;    -ms-transform: scale(1.6);    -webkit-transform: scale(1.6);    transform: scale(1.6);    background-image: -webkit-radial-gradient(ellipse at center center, rgba(33, 33, 33, 0.3) 0%, rgba(0, 0, 0, 0) 50%);    background-image: -webkit-radial-gradient(center center, ellipse, rgba(33, 33, 33, 0.3) 0%, rgba(0, 0, 0, 0) 50%);    background-image: radial-gradient(ellipse at center center, rgba(33, 33, 33, 0.3) 0%, rgba(0, 0, 0, 0) 50%);    position: absolute;    top: -90px;    left: 0;    display: block;    width: 100px;    height: 60px;  }  @-webkit-keyframes roastSmoke {    0% {      -ms-transform: scale(0.2) translateY(0);      -webkit-transform: scale(0.2) translateY(0);      transform: scale(0.2) translateY(0);      filter: progid:DXImageTransform.Microsoft.Alpha(Opacity=0);      opacity: 0;    }    30% {      filter: progid:DXImageTransform.Microsoft.Alpha(enabled=false);      opacity: 1;    }    100% {      -ms-transform: scale(1) translateY(-200px);      -webkit-transform: scale(1) translateY(-200px);      transform: scale(1) translateY(-200px);      filter: progid:DXImageTransform.Microsoft.Alpha(Opacity=0);      opacity: 0;    }  }  @keyframes roastSmoke {    0% {      -ms-transform: scale(0.2) translateY(0);      -webkit-transform: scale(0.2) translateY(0);      transform: scale(0.2) translateY(0);      filter: progid:DXImageTransform.Microsoft.Alpha(Opacity=0);      opacity: 0;    }    30% {      filter: progid:DXImageTransform.Microsoft.Alpha(enabled=false);      opacity: 1;    }    100% {      -ms-transform: scale(1) translateY(-200px);      -webkit-transform: scale(1) translateY(-200px);      transform: scale(1) translateY(-200px);      filter: progid:DXImageTransform.Microsoft.Alpha(Opacity=0);      opacity: 0;    }  } |

**实验三：**

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| <!DOCTYPE html>  <html lang="en">  <head>      <meta charset="utf-8">      <meta name="viewport" content="width=device-width,initial-scale=1.0">      <title>mylogin02</title>      <link rel="stylesheet" href="default.css">  </head>  <body>  <div class="page">      <div class="panel">          <div class="panel\_visible">              <!--注册表单-->              <div class="panel\_content">                  <h1 class="panel\_title">  Sign Up </h1>                  <form class="form">                      <label class="form\_label" for="username">Username</label>                      <input class="form\_input" type="text" id="username" name="username">                      <label class="form\_label" for="password">Password</label>                      <input class="form\_input " type="password" id="password" name="password">                      <label class="form\_label" for="truename">True Name</label>                      <input class="form\_input" type="text" id="truename" name="fullname">                      <button class="form\_btn" type="button" value="Submit">Submit</button>                      <button class="form\_toggle js-formToggle" type="button">Or, Sign In</button>                  </form>              </div>              <!--登录表单-->              <div class="panel\_content panel\_content-overlay js-panel\_content ">                  <h1 class="panel\_title">  Sign In </h1>                  <form class="form">                      <label class="form\_label" for="usernameIn">Username</label>                      <input class="form\_input" type="text" id="usernameIn" name="usernameIn">                      <label class="form\_label" for="passwordIn">Password</label>                      <input class="form\_input " type="password" id="passwordIn" name="passwordIn">                      <button class="form\_btn" type="button" id="chkBtn" value="Submit">Sign In</button>                      <br>                      <button class="form\_toggle js-formToggle" type="button">Or, Sign Up</button>                  </form>              </div>          </div>          <div class="panel\_back js-imageAnimate">              <img class="panel\_img" src="1.jpg" style="width: 235px;height: 457px"  />          </div>      </div>  </div>  <script src="main.js"></script>  </body>  </html> |

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| body, html{      font-family: Ariel, sans-serif;      width:100%;      height:100%;      margin:0;      padding:0;      display:inline-block;  }  .page{      display:flex;      flex-flow:row;      flex-wrap:nowrap;      align-items:center;      justify-content:center;      width:100%;      height:100%;      background-color: #1b1a2f;  }  .panel{      display:inline-block;      position:relative;  }  .panel\_visible{      position:relative;      overflow: hidden;  }  .panel\_title{      margin-top: .5em;      margin-bottom: 1.2em;  }    .panel\_content{      padding: 20px;      background-color: white;      z-index:10;      position:relative;  }  .panel\_content-overlay{      position:absolute;      top:0;      left:100%;      height:100%;  }  .panel\_content.animate{      animation: movePanel 2s forwards ;  }  @keyframes movePanel{      0%, 30%{          transform: translateX(0%);      }      35%, 100%{          transform: translateX(-100%);      }  }  .panel\_content.animateOut{      animation: movePanelOut 2s forwards ;  }  @keyframes movePanelOut{      0%, 30%{          transform: translateX(-100%);      }      35%, 100%{          transform: translateX(0%);      }  }  .panel\_back{      position:absolute;      z-index:0;      top:50%;      left: 0;      width:110%;      transform: translate(70%,-50%);  }  .panel\_back.animate{      animation: move 2s forwards ;  }  @keyframes move{  0%{      transform: translate(70%,-50%);      z-index:0;  }  15%{      transform: translate(140%,-50%);      z-index:10;  }  75%{      transform: translate(-120%,-50%);      z-index:10;  }  100%{      transform: translate(-50%,-50%);      z-index:0;  }  }  .panel\_back.animateOut{      transform: translate(-50%,-50%);      animation: moveOut 2s forwards ;  }  @keyframes moveOut{  0%{      transform: translate(-50%,-50%);      z-index:0;  }  15%{      transform: translate(-120%,-50%);      z-index:10;  }  75%{      transform: translate(140%,-50%);      z-index:10;  }  100%{      transform: translate(70%,-50%);      z-index:0;  }    }  .panel\_img{      width:100%;      display:block;  }  /\* Form \*/  .form{      box-sizing:border-box;  }  .form\_label{      display:block;      color: #3D3D3D;      font-weight: 600;      margin-bottom: 5px;  }  .form\_input{      border-radius: 3px;      background-color: #f2f2f2 ;      box-shadow: 0px 2px 2px #D6D6D6;      border:none;      padding: 2%;      margin-bottom: 15px;      width: 250px;      box-sizing:border-box;      position:relative;  }  .form\_input:focus{      box-shadow: none;      outline-color: #0f95b0;  }  .form\_input::after{      /\*   TODO: make this after portion work \*/      content: "👁️";      position:absolute;      top: 0;      left: 0;      height: 50px;      width: 50px;      background-color: red;  }  .form\_btn{      margin-top: 1.2em;      margin-bottom: 2em;      display:block;      width:100%;      background-color: #550fb0;      color: white;      border:none;      padding: .6em;      text-transform: uppercase;      font-weight: 500;      font-size: 1.1em;      border-radius: 3px;      cursor: pointer;  }  .form\_toggle{      background-color: transparent;      border: none;      padding: 0;      margin:0;      font-size: 1.1em;      box-sizing: border-box;      border-bottom: 1px solid transparent;      cursor: pointer;  }  .form\_toggle:hover{      border-bottom: 1px solid #0f95b0;  }  .form\_toggle:focus{      outline: none;      border-bottom: 1px solid #0f95b0;  } |

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| var toggleBtns = document.querySelectorAll('.js-formToggle');  for(var i = 0; i < toggleBtns.length; i++){      toggleBtns[i].addEventListener("click",toggleForm);  }  document.getElementById('chkBtn').addEventListener('click',function (){      const username = document.getElementById("usernameIn").value;      const password = document.getElementById("passwordIn").value;      if(username =='123' && password=="123"){          window.location.href='index2.html';          alert('登录成功');      }      else{          alert('用户名或密码错误');      }  });  var firstClick = true;  function toggleForm(){      if(!firstClick){          document.querySelector('.js-imageAnimate').classList.toggle("animate");          document.querySelector('.js-imageAnimate').classList.toggle("animateOut");          document.querySelector('.js-panel\_content').classList.toggle("animate");          document.querySelector('.js-panel\_content').classList.toggle("animateOut");      }      else{          firstClick = false;          document.querySelector('.js-imageAnimate').classList.add("animate");          document.querySelector('.js-panel\_content').classList.add("animate");      }  } |