

路飞学城项目前端

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笔记

1. 项目分析

2. 项目搭建

- 2.1 创建项目目录
- 2.2 初始化项目
- 2.3 安装路由vue-router
 - 2.3.1 下载路由组件
 - 2.3.2 配置路由
 - 2.3.2.1 初始化路由对象
 - 2.3.2.2 注册路由信息
 - 2.3.2.3 在视图中显示路由对应的内容
- 3. 引入ElementUI
 - 3.1 快速安装ElementUI
 - 3.2 配置ElementUI到项目中

4. 首页

- 4.1 创建首页组件
 - 4.1.1 创建首页对应的路由
- 4.2 开发导航子组件
 - 4.2.1 在首页引入导航组件
- 4.3 开发轮播图子组件
 - 4.3.1 在Home组件中引入Banner子组件
- 4.4. 完善页面头部头像的下拉菜单效果
- 4.5 页面脚部
 - 4.5.1 创建脚部组件文件
 - 4.5.2 在Home组件中引入Footer组件

5. 免费课

- 5.1 在routers/index.js路由中注册路由

笔记

1. 项目分析

首页

免费课

免费课详情

购物车

购买结算

购买成功

学习中心

课程播放页面

2. 项目搭建

2.1 创建项目目录

```
cd 项目目录
vue init webpack lufei
```

例如，我要把项目保存在D:/moluo的根目录下，可以如下操作：

```
D:
cd /moluo
vue init webpack lufei
```

效果：

```
C:\Users\Administrator>D:
D:\>cd moluo
D:\moluo>vue init webpack lufei
```

根据需要在生成项目时，我们选择对应的选项。

```
D:\moluo>vue init webpack lufei
? Project name lufei
? Project description A Vue.js project
? Author
? Vue build standalone
? Install vue-router? No
? Use ESLint to lint your code? No
? Set up unit tests No
? Setup e2e tests with Nightwatch? No
? Should we run `npm install` for you after the project has been created? (recommended) npm
vue-cli - Generated "lufei".
```

```
# Installing project dependencies ...
# =====
```

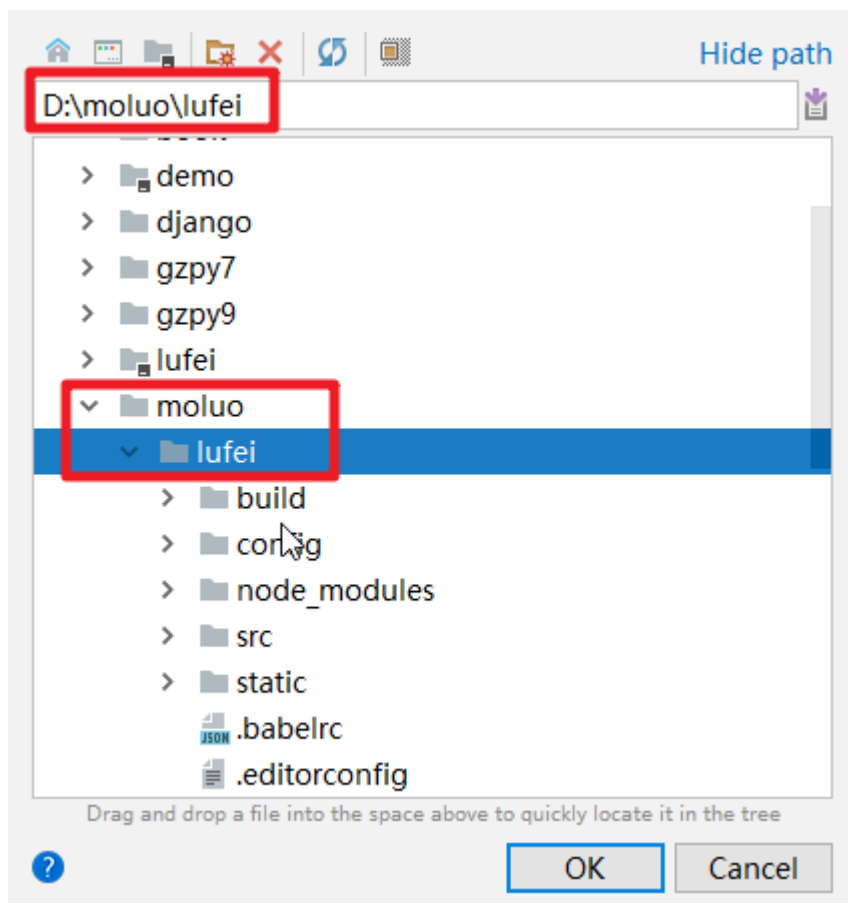
```
# Project initialization finished!
# =====
```

To get started:

```
cd lufei
npm run dev
```

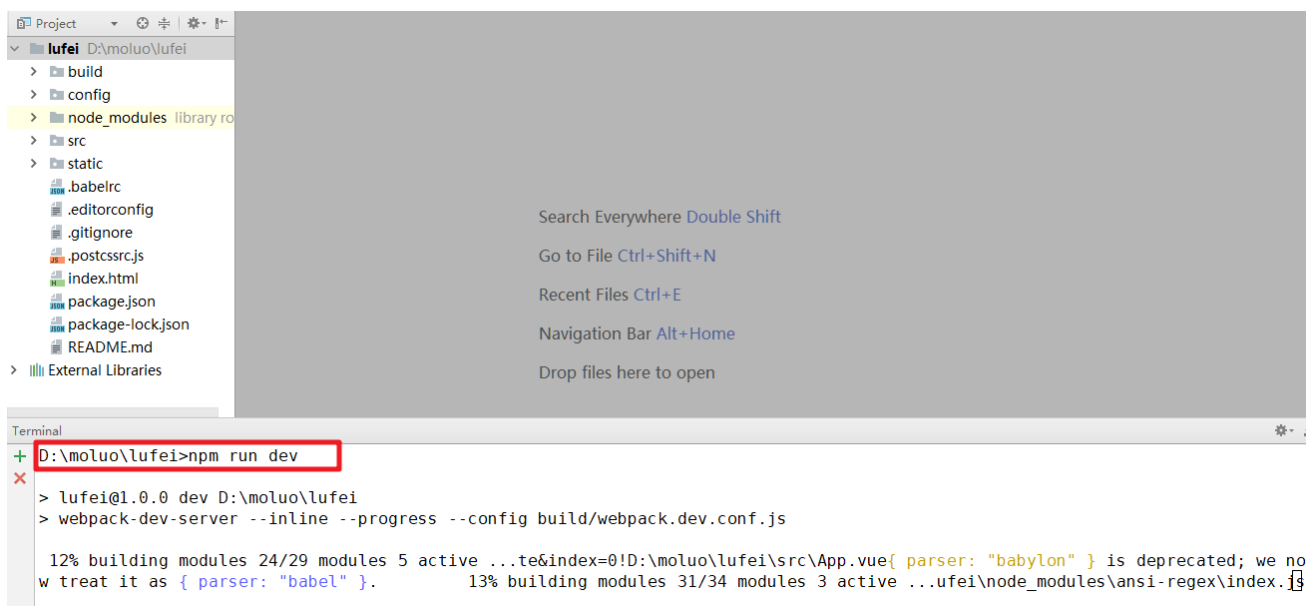
Documentation can be found at <https://vuejs-templates.github.io/webpack>

根据上面的提示，我们已经把vue项目构建好了，接下来我们可以在pycharm编辑器中把项目打开并根据上面黄色提示，运行测试服务器。

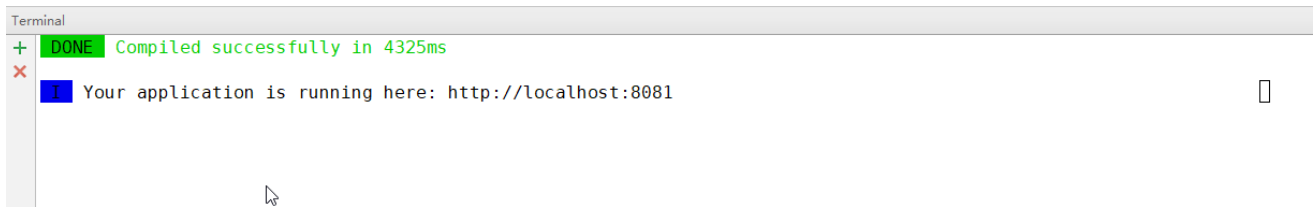


打开项目已经，在pycharm的终端下运行vue项目，查看效果。

```
npm run dev
```

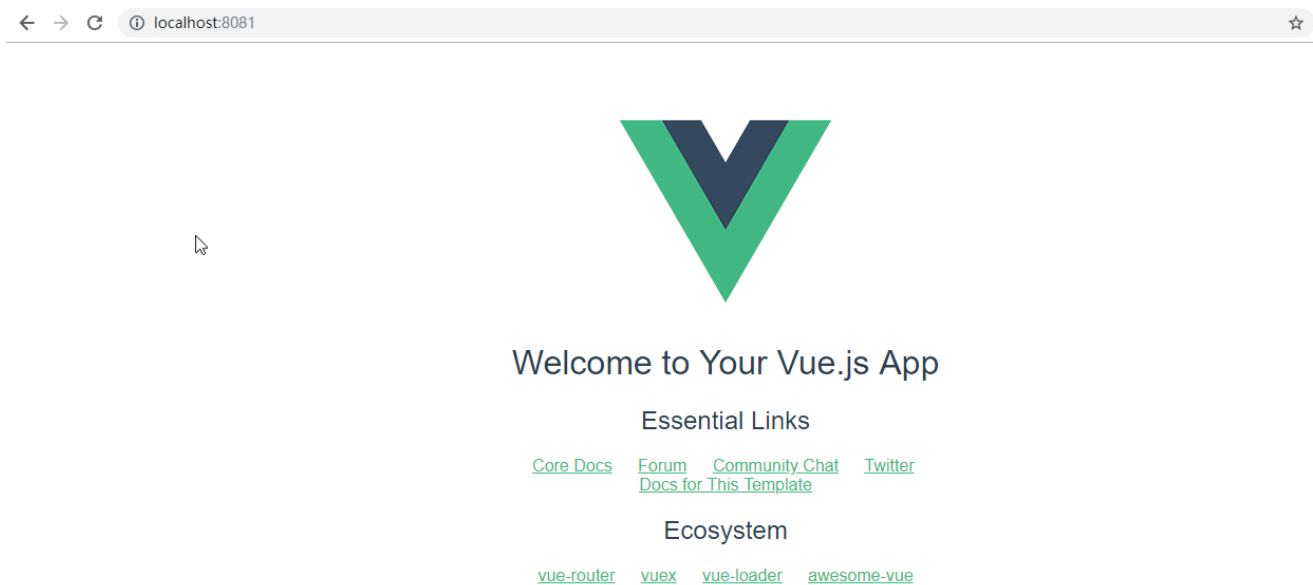


效果：



接下来，我们根据终端上效果显示的对应地址来访问项目(如果有多个vue项目在运行，8080端口被占据了，服务器会自动改端口，所以根据自己实际在操作中看到的地址来访问。)

访问: <http://localhost:8081>

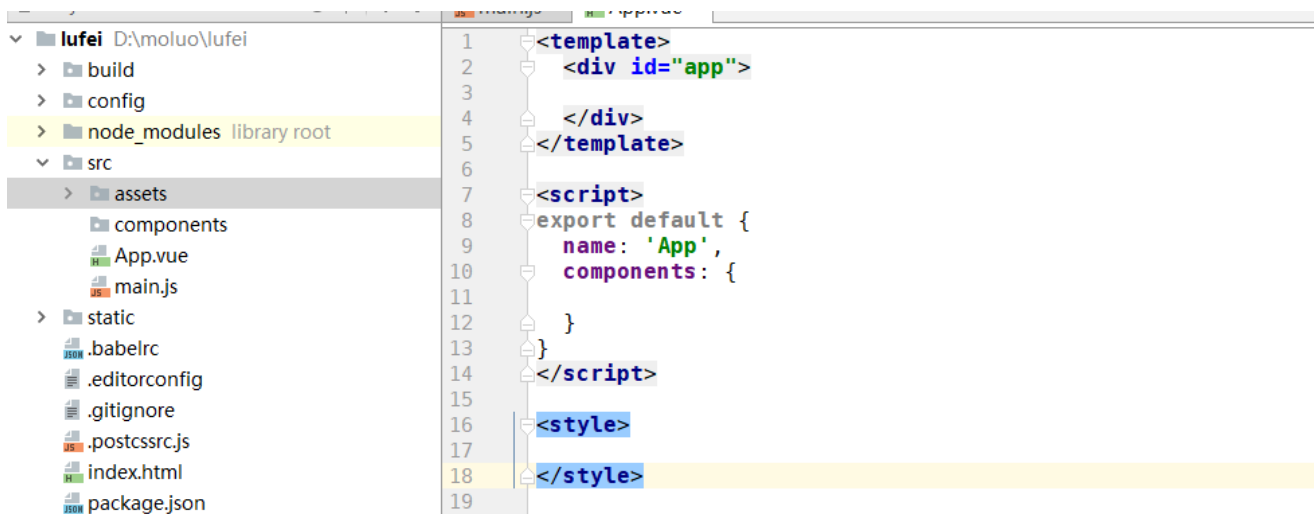


2.2 初始化项目

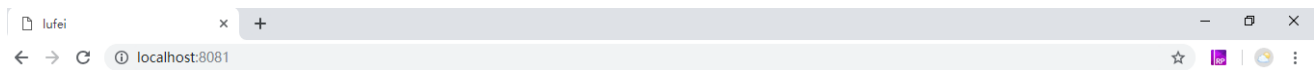
清除默认的HelloWorld组件和App.vue中的默认样式



修改后效果:



接下来，我们可以查看效果了，一张白纸~

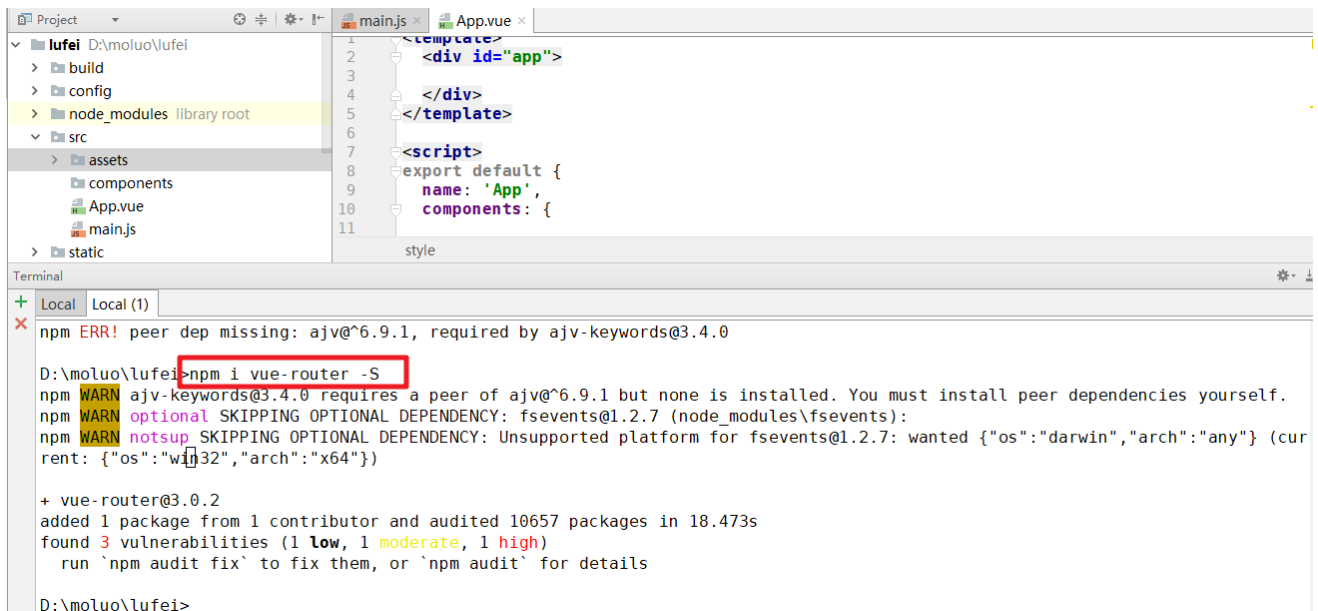


2.3 安装路由vue-router

2.3.1 下载路由组件

```
npm i vue-router -S
```

执行效果：

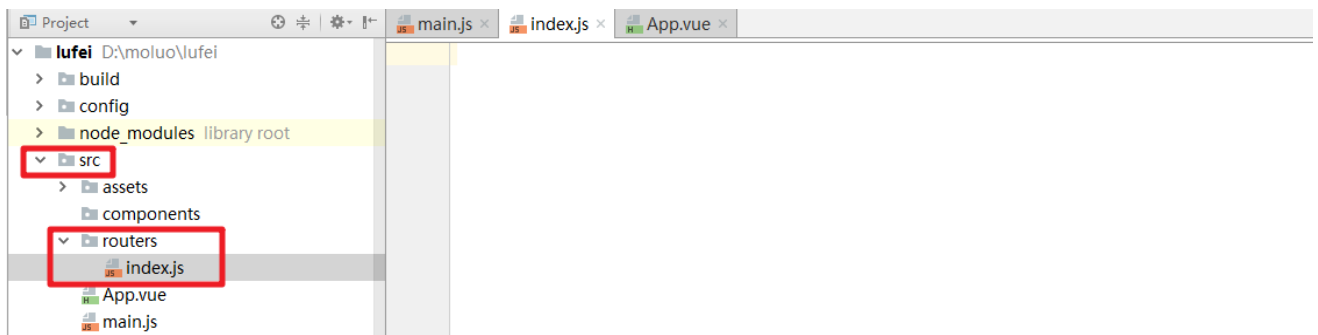


2.3.2 配置路由

2.3.2.1 初始化路由对象

在src目录下创建routers路由目录，在routers目录下创建index.js路由文件

效果：



index.js路由文件中，编写初始化路由对象的代码。

```
import Vue from "vue"
import Router from "vue-router"

// 这里导入可以让用户访问的组件

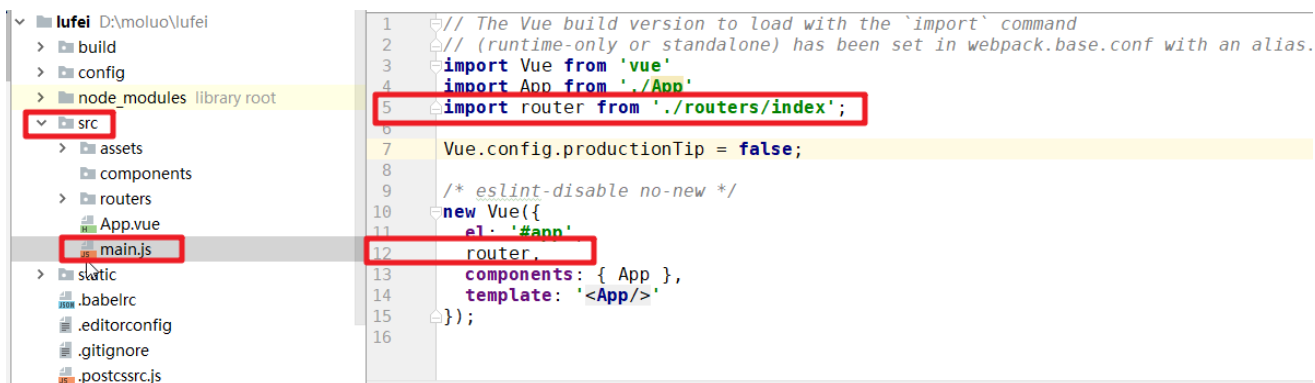
Vue.use(Router);

export default new Router({
  // 设置路由模式为'history'，去掉默认的#
  mode: "history",
  routes: [
    // 路由列表
  ]
})
```

```
})
```

2.3.2.2 注册路由信息

打开main.js文件，把router对象注册到vue中。



代码：

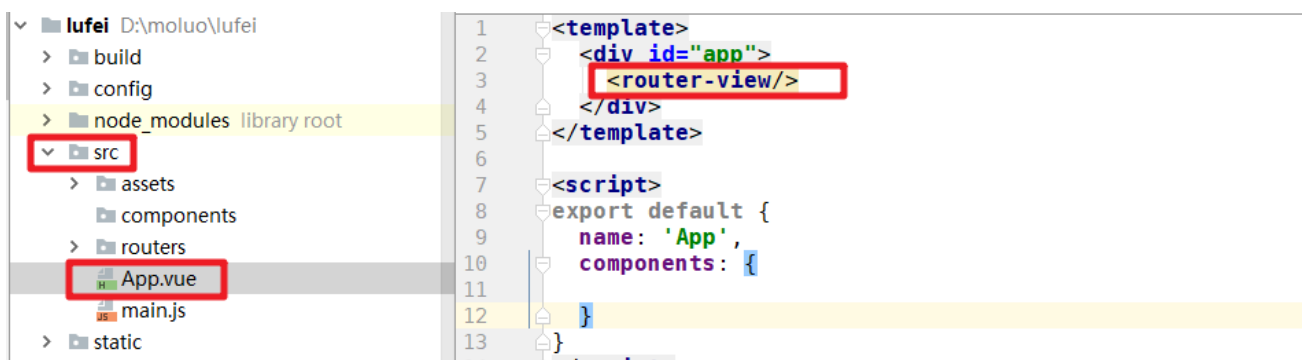
```
// The Vue build version to load with the `import` command
// (runtime-only or standalone) has been set in webpack.base.conf with an alias.
import Vue from 'vue'
import App from './App'
import router from './routers/index';

Vue.config.productionTip = false

/* eslint-disable no-new */
new Vue({
  el: '#app',
  router,
  components: { App },
  template: '<App/>'
});
```

2.3.2.3 在视图中显示路由对应的内容

在App.vue组件中，添加显示路由对应的内容。



代码：

```
<template>
  <div id="app">
    <router-view/>
  </div>
</template>

<script>
export default {
  name: 'App',
  components: {

  }
}
</script>

<style>

</style>
```

3. 引入ElementUI

对于前端页面布局，我们可以使用一些开源的UI框架来配合开发，Vue开发前端项目中，比较常用的就是ElementUI了。

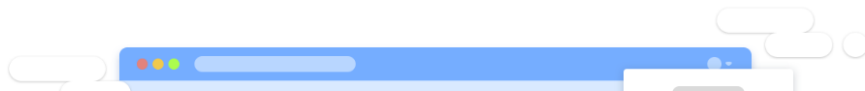
ElementUI是饿了么团队开发的一个UI组件框架，这个框架提前帮我们提供了很多已经写好的通用模块，我们可以在Vue项目中引入来使用，这个框架的使用类似于我们前面学习的bootstrap框架，也就是说，我们完全可以把官方文档中的组件代码拿来就用，有定制性的内容，可以直接通过样式进行覆盖修改就可以了。



指南 组件 资源 中文 ▾

网站快速成型工具

Element，一套为开发者、设计师和产品经理准备的基于 Vue 2.0 的桌面端组件库



中文官网：<http://element-cn.eleme.io/#/zh-CN>

文档快速入门：<http://element-cn.eleme.io/#/zh-CN/component/quickstart>

3.1 快速安装ElementUI

项目根目录执行以下命令：


```
npm i element-ui -S
```

上面的命令等同于 `npm install element-ui --save`

执行命令效果：

```
D:\moluo\lufei>npm i element-ui -S
npm WARN ajv-keywords@3.4.0 requires a peer of ajv@^6.9.1 but none is installed. You must install peer dependencies yourself.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.7 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.7: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

+ element-ui@2.6.1
added 6 packages from 6 contributors and audited 10667 packages in 74.595s
found 3 vulnerabilities (1 low, 1 moderate, 1 high)
  run `npm audit fix` to fix them, or `npm audit` for details
```

3.2 配置ElementUI到项目中

在main.js中导入ElementUI，并调用。

代码：

```
// elementUI 导入
import ElementUI from 'element-ui';
import 'element-ui/lib/theme-chalk/index.css';
// 调用插件
Vue.use(ElementUI);
```

效果：



成功引入了ElementUI以后，接下来我们就可以开始进入前端页面开发，首先是首页。

4. 首页

首页采用了上下页面布局，首页是导航栏、轮播图。。。脚部等几个小模块。所以我们可以把首页作为一个组件进行开发，然后把首页的这些模块作为单独的组件来进行开发。

4.1 创建首页组件

代码：

```
<template>

</template>

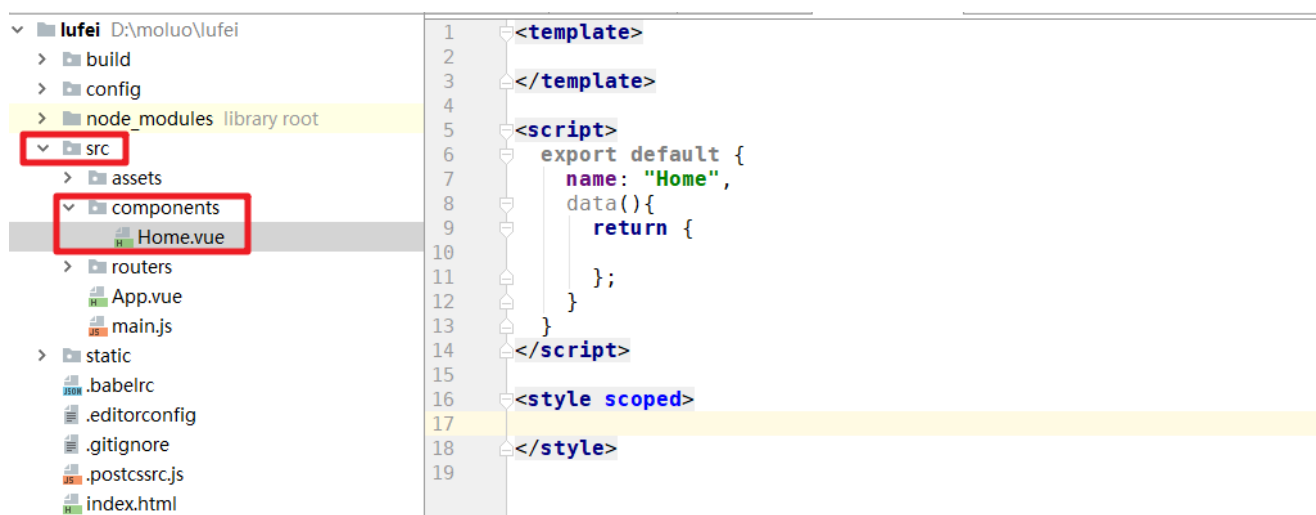
<script>
  export default {
    name: "Home",
    data(){
      return {

    };
  }
}
</script>

<style scoped>

</style>
```

效果：



4.1.1 创建首页对应的路由

在routes/index.js中引入Home组件，并设置Home组件作为首页路由。

代码：

```
import Vue from "vue"
import Router from "vue-router"

// 这里导入可以让用户访问的组件
import Home from "@/components/Home";
```

```

Vue.use(Router);

export default new Router({
  // 设置路由模式为'history'，去掉默认的#
  mode: "history",
  routes: [
    // 路由列表
    {
      path: "/",
      name: "Home",
      component: Home,
    },
    {
      path: "/home",
      name: "Home",
      component: Home,
    }
  ]
})

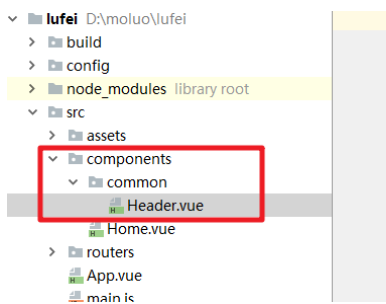
```

效果：



4.2 开发导航子组件

经过前面的观察，可以发现导航不仅在首页出现，其他页面也有，所以对于这些不同页面中公共的内容，可以创建一个单独的组件目录存放。



代码:

```
<template>

</template>

<script>
  export default {
    name: "Header",
    data(){
      return {

      };
    }
  }
</script>

<style scoped>

</style>
```

效果:



4.2.1 在首页引入导航组件

代码:

```
<template>
  <div class="home">
```

```

    <Header/>
  </div>
</template>

<script>
import Header from "../common/Header"
export default {
  name: "Home",
  data(){
    return {

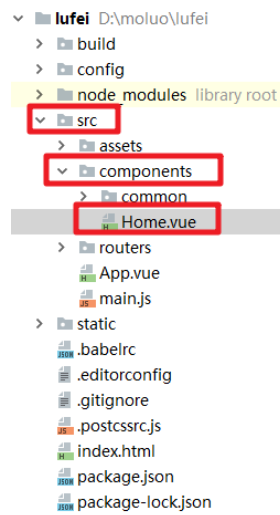
    };
  },
  components:{
    Header,
  }
}
</script>

<style scoped>

</style>

```

效果:



接下来，我们就可以在组件中参考ElementUI文档来进行样式开发了。



Header的子组件代码:

```

<template>

```

```
<div class="header">
  <el-container>
    <el-header height="80px">
      <el-row>
        <el-col class="logo" :span="3">
          
        </el-col>
        <el-col :span="16">
          <!-- gutter每一列之间的间隔空隙 -->
          <el-row class="nav" :gutter="20">
            <el-col :span="3">免费课</el-col>
            <el-col :span="3">轻课</el-col>
            <el-col :span="3">学位课</el-col>
            <el-col :span="3">题库</el-col>
            <el-col :span="3">教育</el-col>
          </el-row>
        </el-col>
        <el-col class="login-bar" :span="5">
          <div class="cart-ico">
            <b></b>
          </div>
        </el-col>
      </el-row>
    </el-header>
  </el-container>
</div>
```


购物车

学习中心

```

<!--<el-menu :default-active="activeIndex" class="el-menu-demo"
mode="horizontal" @select="handleSelect">-->
  <!--<el-submenu index="1">-->
    <!--<template slot="title"><div class="member"></div></template>-->
    <!--<el-submenu index="1-1">-->
      <!--<template slot="title" index="1-1-1">我的账户</template>-->
      <!--<template slot="title" index="1-1-2">我的订单</template>-->
      <!--<template slot="title" index="1-1-3">我的优惠券</template>-->
    <!--</el-submenu>-->
  <!--</el-submenu>-->
<!--</el-menu>-->
<div class="member"></div>
</el-col>
</el-row>
</el-header>
</el-container>
</div>
</template>
```

```

<script>
  export default {
    name: "Header",
    data() {
      return {
```



```

    }
  }
}
</script>

<style scoped>
.header{
  width: 100%;
  height: 80px;
  background: #fff;
  position: fixed;
  left: 0;
  top: 0;
  margin: 0 auto;
  z-index: 7;
  text-overflow: ellipsis;
  white-space: nowrap;
  box-shadow: 0 0.5px 0.5px 0 #c9c9c9;
}
.el-container{
  width: 1200px;
  margin: 0 auto;
}
.el-header{
  padding: 0;
}
.el-row,.el-col{
  height: 80px;
}
.logo,.nav{
  line-height: 80px;
}
.logo img{
  vertical-align: middle; /* 设置图片垂直居中 */
}
.nav,.study{
  text-align: center;
  color: #4a4a4a;
}
.nav .el-col:hover,.study:hover{
  color: #000000;
}
.login-bar{
  display: flex;
  align-items: center;
}
.cart-ico{
  width: 88px;
  height: 28px;
  margin-right: 20px;
  background: #f7f7f7;
  border-radius: 17px;
}

```

```

        display: flex;
        align-items: center;
        justify-content: space-around;
        cursor: pointer;
        position: relative;
        font-size: 14px;
    }
    .cart-ico b{
        width: 16px;
        height: 16px;
        line-height: 17px;
        font-size: 12px;
        color: #fff;
        text-align: center;
        background: #fa6240;
        border-radius: 50%;
        transform: scale(.8);
        position: absolute;
        left: 16px;
        top: -1px;
    }
    .cart-ico img{
        width: 15px;
        height: auto;
        margin-left: 6px;
    }
    .cart-ico span{
        margin-right: 6px;
    }
    .study{
        padding-left: 0;
        font-family: PingFangSC-Regular;
        letter-spacing: 0;
        margin-right: 20px;
        font-size: 15px;
        cursor: pointer;
    }
    .member img{
        width: 26px;
        height: 26px;
        border-radius: 50%;
        display: inline-block;
        cursor: pointer;
        vertical-align: middle;
    }
    .member img:hover{
        border: 1px solid rgb(255, 194, 16);
    }
</style>

```

Home组件中引入使用Header子组件，代码无需改变，直接访问效果：

4.3 开发轮播图子组件



4.3.1 创建Banner组件文件

###

代码:

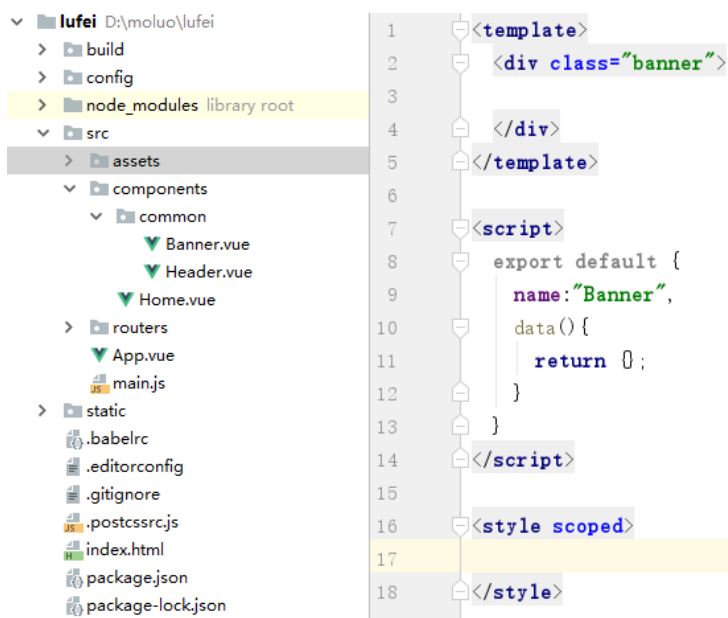
```
<template>
  <div class="banner">

    </div>
</template>

<script>
  export default {
    name: "Banner",
    data() {
      return {};
    }
  }
</script>

<style scoped>

</style>
```



4.3.1 在Home组件中引入Banner子组件

```
<template>
  <div class="home">
    <Header/>
    <Banner/>
  </div>
</template>

<script>
  import Header from "../common/Header"
  import Banner from "../common/Banner"
  export default{
    name:"Home",
    data(){
      return {};
    },
    components:{
      Header,
      Banner,
    }
  }
</script>

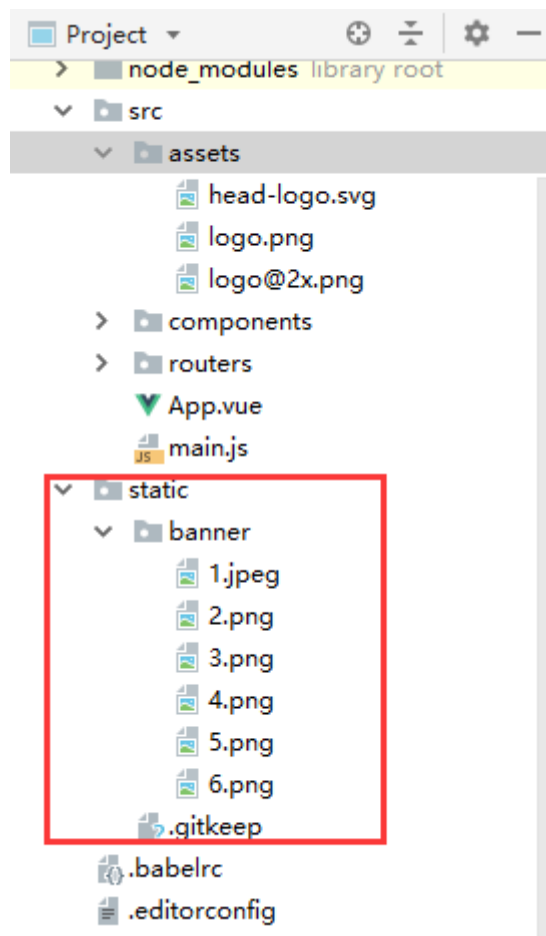
<style scoped>
.home{
  padding-top: 80px;
}
</style>
```

效果：



接下来，在ElementUI中有对应的轮播图[跑马灯]效果，可以直接提取过来使用。

注意，图片需要保存到static目录下。



对于图片的使用，如果是vue代码中直接要使用的图片，可以保存至accets目录下，如果是第三方插件要使用到的图片，需要保存在static目录下。其实本质上来说，所有的图片都是保存在static目录下的，而accets目录下的内容，最终被vue解析成地址的时候，也是在static目录的。

Banner.vue组件,代码:

```
<template>
  <div class="banner">
    <el-carousel trigger="click" height="506px">
      <el-carousel-item v-for="item in banner_list">
        
      </el-carousel-item>
    </el-carousel>
  </div>
</template>

<script>
  export default {
    name: "Banner",
    data() {
      return {
        banner_list: [
          "/static/banner/1.jpeg",
          "/static/banner/2.png",
          "/static/banner/3.png",
          "/static/banner/4.png",
          "/static/banner/5.png",
          "/static/banner/6.png",
        ]
      };
    }
  }
</script>

<style scoped>
  .banner img {
    width: 100%;
  }
</style>
```

效果:

极简7天python入门特训营

- ☑ 零基础、美女出镜伴学
- ☑ 百万年薪网红讲师直播
- ☑ 人工智能、数据分析首选python

[立即报名](#)

开班时间：03月19日



4.4. 完善页面头部头像的下拉菜单效果

Header组件，代码：

```
<template>
  <div class="header">
    <el-container>
      <el-header height="80px">
        <el-row>
          <el-col class="logo" :span="3">
            
          </el-col>
          <el-col :span="16">
            <!-- gutter每一列之间的间隔空隙 -->
            <el-row class="nav" :gutter="20">
              <el-col :span="3">免费课</el-col>
              <el-col :span="3">轻课</el-col>
              <el-col :span="3">学位课</el-col>
              <el-col :span="3">题库</el-col>
              <el-col :span="3">教育</el-col>
            </el-row>
          </el-col>
          <el-col class="login-bar" :span="5">
            <div class="cart-ico">
              <b></b>
            </div>
          </el-col>
        </el-row>
      </el-header>
    </el-container>
  </div>
```

<img

src="data:image/svg+xml;base64,PD94bWwgdmVyc2lvdj0iMS4wIiBlbmNvZGluc2Z0iVVRGLTgiPz4KPHN2ZyB3awR0aD0iMjBweCIgaGVPz2h0PSIxOHhB4IiB2awV3Qm94PSIwIDAgMjAgMTgiIHZlcnNpb249IjEuMSIgeG1sbmM9Imh0dHA6Ly93d3cudzMub3JnLzIwMDAvZ3ZnIiB4bWxuczp4bG1uaz0iaHR0cDovLz3d3dy53My5vcvMTk5OS94bG1uayI+CjAgICA8IS0tIEdlbmVvYXRvcjogU2tldGNoIDQ5LjMgKDUXMTY3KSAtIGH0dHA6Ly93d3cuYm90ZW1pYW5jb2RpbmcuY29tL3NrZXRjaCatLT4KICAgIDx0aXRsZT7otK3nianovaY8L3RpdGx1PgogICAgPGRlc2M+Q3JlYXRlZCB3aXRoIFNrZXRjaC48L2Rlc2M+CjAgICA8ZGVmcz48L2RlZnM+CjAgICA8ZyBpZD0i56ys5LqM54mIiBzdHJva2U9Im5vbmuIiHN0cm9rZS13awR0aD0iMSIgzMlSbd0ibm9uZSIgzMlSbc1ydwXlPSJldmVub2RkIj4KICAgICAgICA8ZyBpZD0i6K++56iL6K+m5oOFiIB0cmFuc2Zvcv09InRyYw5zbGF0ZSgtMTUxOS4wMDAwMDAsIC00MjIuMDAwMDAwKSIGZMlSbd0iIzRhNGE0YSIGZMlSbc1ydwXlPSJub256Zj49Ij4KICAgICAgICAgICAgICAgPHBhdGggZD0iTE1mjuunZEWmZUSNDM2LjI2IEMxNTI1Ljk2NzE0LDQZNi4yniAxNTI2LjIxMDQyLDQZNi4zMZDY2NjcgMTUyNi40NDAXOCw0MzYUNCBDMTUyNi42NjK5NCw0MzYUNdKzMzMzIDE1mjuODcynjcsNDM2LjYyMzMzMyAxNTI3LjA0ODM3LDQZNi43OSBDMTUyNy4ymjQwNiW0MzYUOTU2NjY3IDE1mjuCmZU5MjISNDM3LjE1MzMzMyAxNTI3LjQ1MzgyLDQZNy4zOCBDMTUyNy41NDg0MyW0MzcuNjA2NjY3IDE1mjuCnTk1NzQsNDM3Ljg0NjY2NyAxNTI3Lju5NTc0LDQZOC4XIEMxNTI3Lju5NTc0LDQZOC4zNTMzMzMgMTUyNy41NDg0MyW0MzguNTkzMzMzIDE1mjuCNDUZODISNDM4LjgyIEMxNTI3Ljm1OTIyLDQZOS4wNDY2NjcgMTUyNy4ymjQwNiW0MzkuMjQzMzMzIDE1mjuCNDQ4MzcsNDM5LjQxIEMxNTI2Ljg3MjY3LDQZOS41NzY2NjcgMTUyNi42NjK5NCw0MzkuNzEgMTUyNi40NDAXOCw0Mzku0DEgQZE1mjuYmjuEWNDisNDM5LjkxIDE1mjuUOTY3MTQsNDM5Ljk2IDE1mjuUnZEWmZUSNDM5Ljk2IEMxNTI1LjQ0MDA0LDQZOS45NiAxNTI1LjE5MzM5LDQZOS45MSAxNTI0Ljk3MDM5LDQZOS44MSBDMTUyNC43NDczOCw0MzkuNzEgMTUyNC41NDgWmyW0MzkuNTC2NjY3IDE1mjuQmZcyMzMSNDM5LjQxIEMxNTI0LjE5NjY0LDQZOS4yNDMzMzMgMTUyNC4wNjE0OCw0MzkuMDQ2NjY3IDE1mjuOTY2ODgsNDM4LjgyIEMxNTIzLjg3MjY3LDQZOC41OTMzMzMgMTUyNy444MjQ5NiW0MzguMzUzMzMzIDE1mjuODI0OTYSNDM4LjEgQZE1mjuODI0OTYSNDM3Ljg0NjY2NyAxNTIzLjg3MjY3LDQZNy42MDY2NjcgMTUyNy45NjY4OCw0MzcuMzgQZE1mjuQmDYxNDgsNDM3LjE1MzMzMyAxNTI0LjE5NjY0LDQZNi45NTY2NjcgMTUyNC4zNzIzMyW0MzYUNzkgQZE1mjuQNTQ4MDMSNDM2LjYyMzMzMyAxNTI0Ljc0NzMD4LDQZNi40OTMzMzMgMTUyNC45NzAzOSw0MzYUNCBDMTUyNS4xOTMzOSw0MzYUZA2NjY3IDE1mjuUdQWMDQsNDM2LjI2IDE1mjuUnZEWmZUSNDM2LjI2IFogTTE1mZuMTQZOSw0MzYUmyBDMTUzNC40MDA2OSw0MzYUmyAxNTM0LjY0NzMD1LDQZNi4zMZDY2NjcgMTUzNC44ODM4NiW0MzYUNdQgQZE1mZuUMTIwMzgsNDM2LjuZMzMzMyAxNTM1LjYmZEXLDQZNi42NjMzMzMgMTUzNS40OTIwNSw0MzYUODMgQZE1mZuUnjYxLDQZNi45OTY2NjcgMTUzNS43OTYxNSw0MzcuMTkzMzMzIDE1mZuUODk3NTESNDM3LjQyIEMxNTM1Ljk5ODg4LDQZNy42NDY2NjcgMTUzNi4wNDk1NiW0Mzcu0Dg2NjY3IDE1mZyUMDQ5NTYSNDM4LjE0IEMxNTM2LjA0OTU2LDQZOC4zOTMzMzMgMTUzNS45OTg4OCw0MzguNjMzMzMzIDE1mZuUODk3NTESNDM4Ljg2IEMxNTM1Ljc5NjE1LDQZOS4wODY2NjcgMTUzNS42NjESNDM5LjI4MzMzMyAxNTM1LjQ5MjA1LDQZOS40NSBDMTUzNS4zMjMxMSw0MzkuNjE2NjY3IDE1mZuUMTIwMzgsNDM5Ljc1IDE1mZuQODgzODYSNDM5Ljg1IEMxNTM0LjY0NzMD1LDQZOS45NSAxNTM0LjQwMDY5LDQ0MCAxNTM0LjE0MzksNDQWIEEMxNTMzLjg4NzEXLDQ0MCAxNTMzLjY0Mzg0LDQZOS45NSAxNTMzLjQxNDA4LDQZOS44NSBDMTUzMy4xODQZmiW0MzkuNzUgMTUzMi45ODQ5NiW0MzkuNjE2NjY3IDE1mZiUODE2MDISNDM5LjQ1IEMxNTMyLjY0NZA4LDQZOS4yODMzMzMgMTUzMi41MTE5MyW0MzkuMDg2NjY3IDE1mZiUNDEWNTYSNDM4Ljg2IEMxNTMyLjMwOTISNDM4LjYzMzMzMyAxNTMyLjI1ODUyLDQZOC4zOTMzMzMgMTUzMi4yNTg1MiW0MzguMTQgQZE1mZiUmju4NTISNDM3Ljg4NjY2NyAxNTMyLjMwOTISNDM3LjY0NjY2NyAxNTMyLjQxMDU2LDQZNy40MiBDMTUzMi41MTE5MyW0MzcuMTkzMzMzIDE1mZiUnjQ3MDgsNDM2Ljk5NjY2NyAxNTMyLjgXNjA5LDQZNi444MyBDMTUzMi45ODQ5NiW0MzYUNjYzMzMzIDE1mZuMTg0MzISNDM2LjuZMzMzMyAxNTMzLjQxNDA4LDQZNi40NCBDMTUzMy42NDM4NCw0MzYUZA2NjY3IDE1mZuODg3MTESNDM2LjMgMTUzNC4xNDM5LDQZNi4zMIFogTTE1mZuNTQ5NzYSNDI0Ljk0IEMxNTM3LjkyODE5LDQYNCA45NCAxNTM4LjIymjE1LDQYNCA45OSAxNTM4LjQZMTYzLDQYNs4wOSBDMTUzOC42NDEXmiW0MjuUMTKgMTUzOC43ODk3OSw0MjuUMZEzMzMzIDE1mZguODC3NjQsNDI1LjQ2IEMxNTM4Ljk2NTQ5LDQYNs42MDY2NjcgMTUzOS4wMDYyWmyW0MjuUnZYzMzMzIDE1mZguOTk5MjgsNDI1Ljk2IEMxNTM4Ljk5MjYyLDQYNi4wOTY2NjcgMTUzOC45Njg4NyW0MjuYmjuQgMTUzOC45MjgZmiW0MjuYmZyGQZE1mZguODg3NzcsNDI2LjQ4IDE1mZguODAZMyW0MjuYunZi2NjY3IDE1mZguNjC0OTESNDI3LjEgQZE1mZguNTQ2NTESNDI3LjQ3MzMzMzMyAxNTM4LjQwMTIyLDQYNy444ODMzMzMgMTUzOC4yMzkwNCw0MjguMzMgQZE1mZguMDC2ODYSNDI4Ljc3NjY2NyAxNTM3LjkxODA1LDQyOS4yMiAxNTM3Ljc2MjYzLDQyOS42NiBDMTUzNy42MDcyLDQZMC4XIEMZcuNDg4OTQsNDMwLjQ0NjY2NyAxNTM3LjQwNzg1LDQZMC43IEMxNTM3LjIzMjE1LDQZMS4yMzMzMzMgMTUzNy4wMDkxNSw0MzEuNjA2MzMzIDE1mZyUNzM4ODQsNDMxLjgxIEMxNTM2LjQ2ODUZLDQZMi4wMTY2NjcgMTUzNi4xMzC0MSw0MzIuMTIgMTUzNS43NDU0NyW0MzIuMTIgTDE1mZuUMDU2MTksNDMyLjE5IEWxNTMzLjczODQ0LDQZMi4xMiBMMTUzMi4wMTUyNCw0MzIuMTIgTDE1mZuUMTI5ODYSNDMyLjE5IEWxNTI1LjEwMjE2LDQZMi4xMiBMMTUyNS40MDYyNiW0MzMuOTIgTDE1mZuUnjIzODMSNDMzLjkyIEMxNTM2LjI3MjY2LDQZMy45MiAxNTM2LjY5NjKzLDQZNC4xOTMzMzMgMTUzNi41OTY5MyW0MzQuNzGQZE1mZyUNTk2OTMSNDM1LjAwnjY2NyAxN

TM2LjUzMjcZLDQzNS4yMzY2NjcGMTUzNi40MDQzNCw0MzUuNDMgQzE1MzYuMjc1OTQsNDM1LjYyMzMzMzMyAxNTM2LjAyMjUzLDQzNS43MiAxNTM1LjY0NDEsNDM1LjcyIEwxNTM0LjY3MSw0MzUuNzIgTDE1MzIuNzg1NjEsNDM1LjcyIEwxNTMwLjQ1NDIyLDQzNS43MiBMtUyOC4wODIyOSw0MzUuNzIgTDE1MjYuMTM2MDgsNDM1LjcyIEwxNTI1LjAyMTA3LDQzNS43MiBDMTUyNC43NTA3NiW0MzUuNzIgMTUyNC41MjQzOCw0MzUuNjYgMTUyNC4zNDE5Mw0MzUuNTQgQzE1MjQuMTU5NDcsNDM1LjQyIDE1MjQuMDA3NDIsNDM1LjI2MzMzMzMyAxNTIzLjg4NTc4LDQzNS4wNyBDMTUyMy43NjQxNSw0MzQuODc2NjY3IDE1MjMuNjY2MTYsNDM0LjY2NjY2NyAxNTIzLjU5MTgzLDQzNC40NCBMTUyMy41MTC0OSw0MzQuMjEzMzMzIDE1MjMuNDYwMDUsNDM0IDE1MjMuNDE5NTesNDMzLjggQzE1MjMuNDA1OTksNDMzLjcyIDE1MjMuMzY4ODIsNDMzLjUyNjY2NyAxNTIzLjMwOCw0MzMuMjIgQzE1MjMuMjQ3MTksNDMyLjKxMzMzMzMyAxNTIzLjE3Mjg1LDQzMi41MyAxNTIzLjA4NSw0MzIuMDcgQzE1MjIuOTk3MTUsNDMxLjYxIDE1MjIuODk5MTcsNDMxLjA5NjY2NyAxNTIyLjC5MTA0LDQzMCA1MyBDMTUyMi42ODI5MiW0MjkuOTYzMzMzIDE1MjIuNTc0OCw0MjkuMzkzMzMzIDE1MjIuNDY2NjgsNDI4LjgyIEMxNTIyLjIwOTg5LDQyNy40NzMzMzMgMTUyMS45MTkzMsw0MjUuOTczMzMzIDE1MjEuNTk0OTQsNDI0LjMyIEwxNTIwLjA3NDQ3LDQyNC4zMiBDMTUxOS44NzE3NCw0MjQuMzIgMTUxOS43MDI4LDQyNC4yNyAxNTE5LjU2NzY0LDQyNC4xNyBDMTUxOS40MzI0OSw0MjQuMDcgMTUxOS4zMjA5OSw0MjMuOTUgMTUxOS4yMzMxNCw0MjMuODEgQzE1MTkuMTQ1MjksNDIzLjY3IDE1MTkuMDg0NDcsNDIzLjUyIDE1MTkuMDUwNjgsNDIzLjM2IEMxNTE5LjAxNjg5LDQyMy4yIDE1MTksNDIzLjA1MzMzMzMyAxNTE5LDQyMi45MiBDMTUxOSw0MjIuNjUzMzMzIDE1MTkuMDkxMjMsNDIyLjQzMzMzMzMyAxNTE5LjI3MzY4LDQyMi4yNiBDMTUxOS40NTYxNCw0MjIuMDg2NjY3IDE1MTkunZAyOCw0MjIgMTUyMC4wMTM2NSw0MjIgTDE1MjAuNDU5NjUsNDIyIEwxNTIwLjg2NTE5LDQyMiBMtUyMS4zNzE5NCw0MjIgTDE1MjIuMDYxMjIsNDIyIEMxNTIyLjMzMtUyLDQyMiAxNTIyLjU0Nzc3LDQyMi4wNCAxNTIyLjcwOTk1LDQyMi4xMiBDMTUyMi44NzIxNCw0MjIuMiAxNTIzLjAwMDUzLDQyMi4zIDE1MjMuMDk1MTQsNDIyLjQyIEMxNTIzLjE4OTc1LDQyMi41NCAxNTIzLjI1NzMyLDQyMi42NjY2NjcGMTUyMy4yOTc4NyW0MjIuOCBDMtUyMy4zMzg0MSw0MjIuOTMzMzMzIDE1MjMuMzcyMiW0MjMuMDQ2NjY3IDE1MjMuMzk5MjMsNDIzLjE0IEMxNTIzLjQyNjI2LDQyMy4yNDY2NjcGMTUyMy40NTMyOSw0MjMuMzk2NjY3IDE1MjMuNDgwMzIsNDIzLjU5IEMxNTIzLjUwNzM1LDQyMy43ODMzMzMgMTUyMy41MzQzOSw0MjMuOTggMTUyMy41NjE0MiW0MjQuMTggQzE1MjMuNjAxOTYsNDI0LjQyIDE1MjMuNjQyNTEsNDI0LjY3MzMzMzMyAxNTIzLjY4MzA1LDQyNC45NCBMTUzNy41NDk3NiW0MjQuOTQgwIigawQ9Iui0reeJqei9piI+PC9wYXR0PgogICAgICAgIDwvZz4KICAgIDwvZz4KPC9zdmc+Cg==" alt=""/>

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```
export default {
  name: "Header",
  data() {
    return {

    }
  }
}
</script>

<style scoped>
.header{
  width: 100%;
  height: 80px;
  background: #fff;
  position: fixed;
  left: 0;
  top: 0;
  margin: 0 auto;
  z-index: 7;
  text-overflow: ellipsis;
  white-space: nowrap;
  box-shadow: 0 0.5px 0.5px 0 #c9c9c9;
}
.el-container{
  width: 1200px;
  margin: 0 auto;
}
.el-header{
  padding: 0;
}
.el-row, .el-col{
  height: 80px;
}
.logo, .nav{
  line-height: 80px;
}
.logo img{
  vertical-align: middle; /* 设置图片垂直居中 */
}
.nav, .study{
  text-align: center;
  color: #4a4a4a;
}
.nav .el-col:hover, .study:hover{
  color: #000000;
}
.login-bar{
  display: flex;
  align-items: center;
}
.cart-ico{
  width: 88px;
```

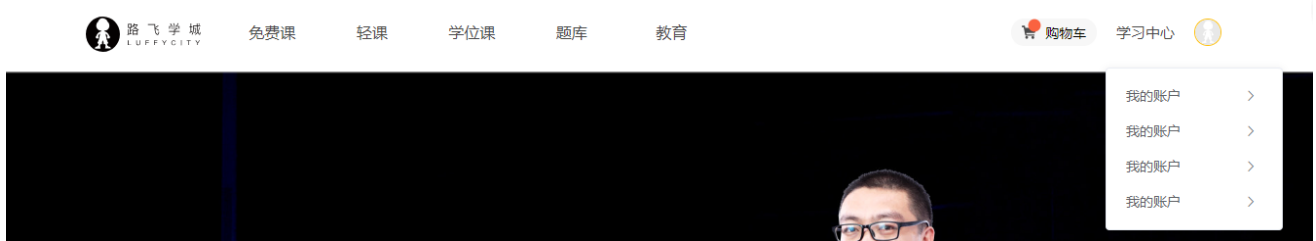
```

    height: 28px;
    margin-right: 20px;
    background: #f7f7f7;
    border-radius: 17px;
    display: flex;
    align-items: center;
    justify-content: space-around;
    cursor: pointer;
    position: relative;
    font-size: 14px;
}
.cart-ico b{
    width: 16px;
    height: 16px;
    line-height: 17px;
    font-size: 12px;
    color: #fff;
    text-align: center;
    background: #fa6240;
    border-radius: 50%;
    transform: scale(.8);
    position: absolute;
    left: 16px;
    top: -1px;
}
.cart-ico img{
    width: 15px;
    height: auto;
    margin-left: 6px;
}
.cart-ico span{
    margin-right: 6px;
}
.study{
    padding-left: 0;
    font-family: PingFangSC-Regular;
    letter-spacing: 0;
    margin-right: 20px;
    font-size: 15px;
    cursor: pointer;
}
.member img{
    width: 26px;
    height: 26px;
    border-radius: 50%;
    display: inline-block;
    cursor: pointer;
    vertical-align: middle;
}
.member img:hover{
    border: 1px solid rgb(255, 194, 16);
}
.el-dropdown-menu{

```

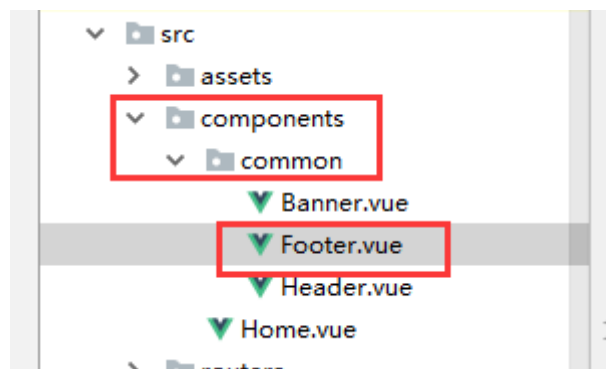
```
left: 1130px!important;
width: 180px;
top: 64px!important;
}
.el-dropdown-menu i{
float:right;
line-height: 36px;
}
</style>
```

效果:



4.5 页面脚部

4.5.1 创建脚部组件文件



代码:

```
<template>
  <el-container>

  </el-container>
</template>

<script>
  export default {
    name: "Footer",
    data(){
      return {}
    }
  }
</script>
```

```
<style scoped>

</style>
```

4.5.2 在Home组件中引入Footer组件

Home组件代码：

```
<template>
  <div class="home">
    <Header/>
    <Banner/>
    <Footer/>
  </div>
</template>

<script>
import Header from "../common/Header"
import Banner from "../common/Banner"
import Footer from "../common/Footer"
export default{
  name:"Home",
  data(){
    return {};
  },
  components:{
    Header,
    Banner,
    Footer,
  }
}
</script>

<style scoped>
.home{
  padding-top: 80px;
}
</style>
```

效果：



首页基本结构我们已经完成了，但是我们开始新的页面出现之前，我们需要把链接补充上，其中最重要的是导航的。

```
<template>
  <div class="header">
    <el-container>
      <el-header height="80px">
        <el-row>
          <el-col class="logo" :span="3">
            <router-link to="/"></router-link>
          </el-col>
          <el-col :span="16">
            <!-- gutter每一列之间的间隔空隙 -->
            <el-row class="nav" :gutter="20">
              <el-col :span="3"><router-link to="/courses">免费课</router-link></el-col>
              ....
            </el-row>
          </el-col>
        </el-row>
      </el-header>
    </el-container>
  </div>
</template>
```

效果:



接下来,我们就可以创建免费课的组件.

5. 免费课

在组件目录components下创建Couses.vue组件文件,代码如下:

```
<template>
  <div class="courses">

    </div>
</template>

<script>
  export default {
    name: "Courses",
    data() {
      return {

      }
    }
  }
</script>

<style scoped>

</style>
```

5.1 在routers/index.js路由中注册路由

```
import Vue from "vue"
import Router from "vue-router"

// 导入可以被用户访问的组件
import Home from "@/components/Home"
import Courses from "@/components/Courses"
```

```
Vue.use(Router);

export default new Router({
  mode: "history",
  routes: [
    // 路由列表
    {
      path: "/",
      name: "Home",
      component: Home,
    },
    {
      path: "/home",
      name: "Home",
      component: Home,
    },
    {
      path: "/courses",
      name: "Courses",
      component: Courses,
    },
  ],
})
```