# 前端智能化技术实践

201870202 任俊宇

### 实现过程

在前端主题切换作业代码的基础上,以2.png为例实现了滤镜功能

- 1. 通过npm install lena.js引入lena.js库
- 2. 设置了red、green、mirror三组滤镜,详见pic.html

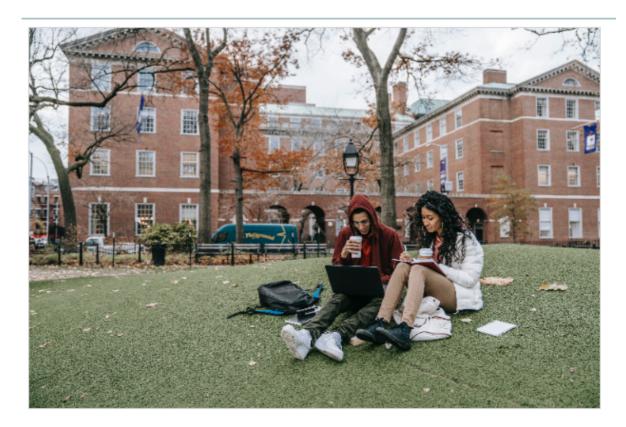
```
<button onclick="addFilter1()">Red</button>
<button onclick="addFilter2()">Green</button>
<button onclick="addFilter3()">Mirror</button>
<button onclick="addImg()">Clear</button>
```

3. 通过LenaJS.redrawCanvas方法实现,详见filter.js

```
function addFilter1(){
    var canvas = document.getElementById( elementId: "img");
    var filter = LenaJS["red"];
    LenaJS.redrawCanvas(canvas, filter);
}
```

## 实现内容

在main.html页面中点击第二张照片,跳转到pic.html页面,点击按钮实现滤镜功能,切换滤镜时要注意点击clear按钮,清空之前滤镜效果。



### Add Filter

Red Green Mirror Clear

#### 红色滤镜:



### Add Filter

Red Green Mirror Clear

绿色滤镜:



# Add Filter

Red Green Mirror Clear

#### 图片翻转:



# Add Filter

Red Green Mirror Clear