

今天的目标

- 如何组织CSS
- 设定个人的UI设计规范（UI Kit）

Lecture Boilerplate

<https://github.com/lewagon/components-demo>

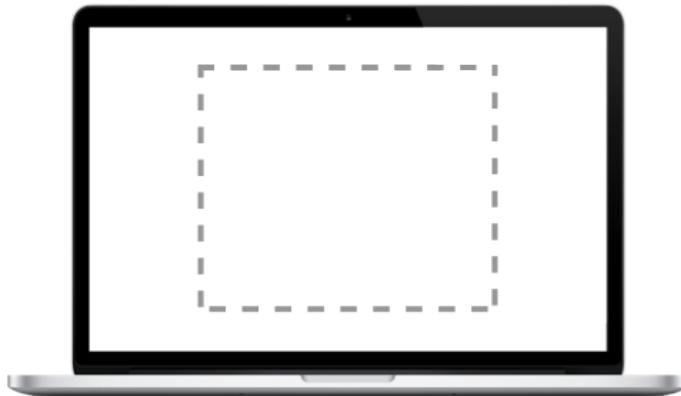
```
cd ~/code/$GITHUB_USERNAME
git clone git@github.com:lewagon/components-demo.git
cd components-demo
rm -rf .git
stt
```

什么是组件（component）？

组件 = 乐高积木

基础组件

Container



Avatar

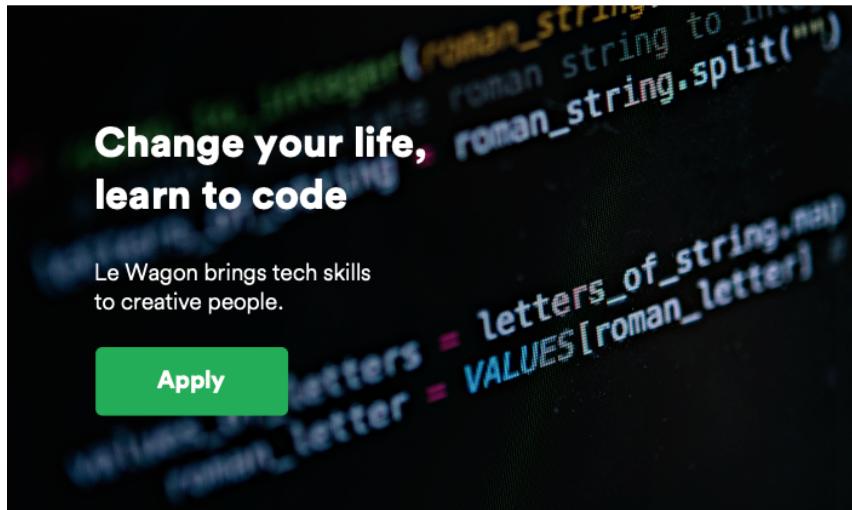


Button

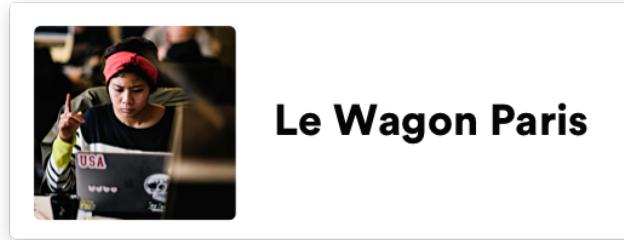


高级组件

Hero section (banner)



Card



Form

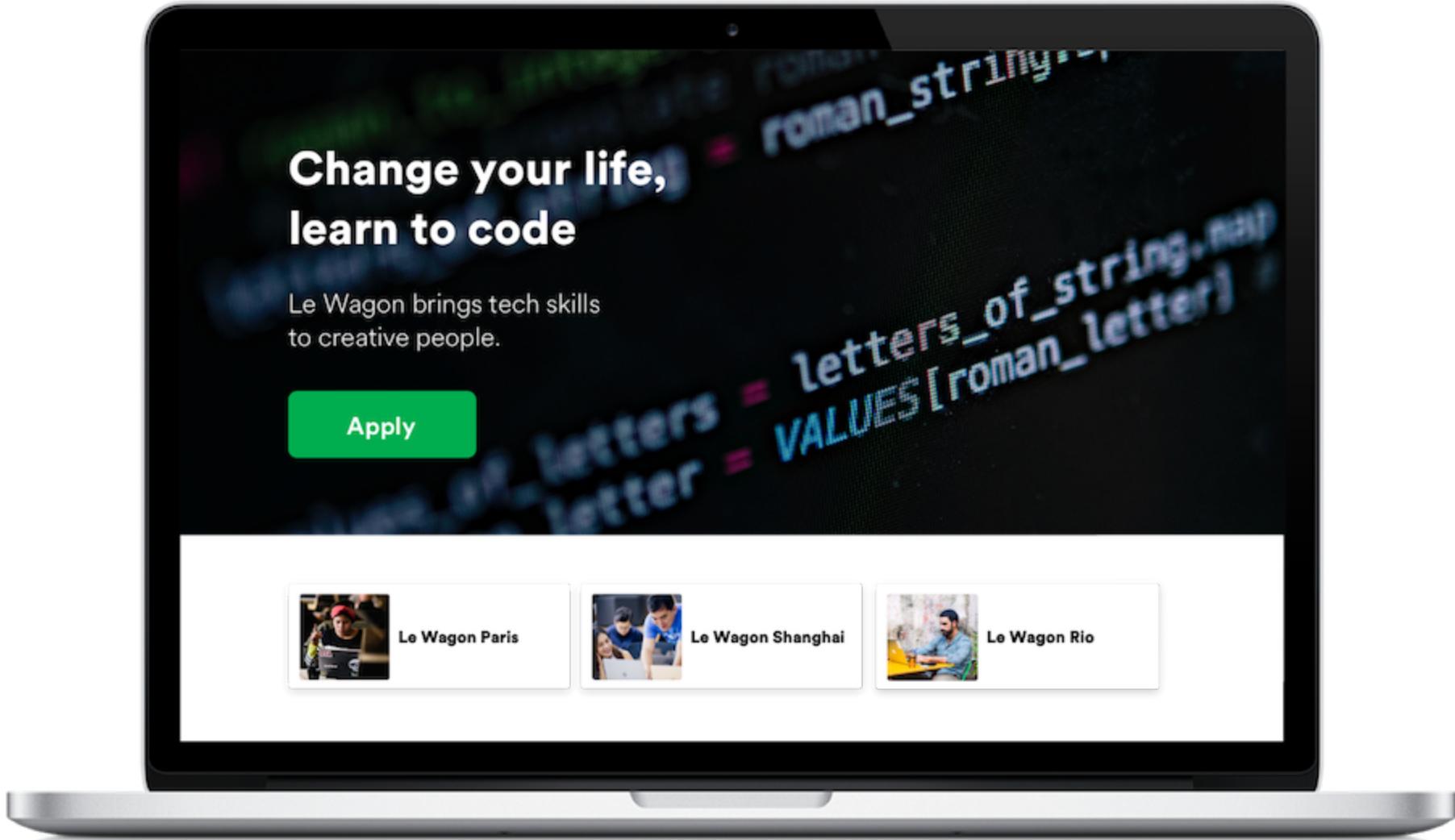
Login

Enter your email

Enter your password

sign in

可以合并成一个网页！



10个组件 = 90%的应用app设计

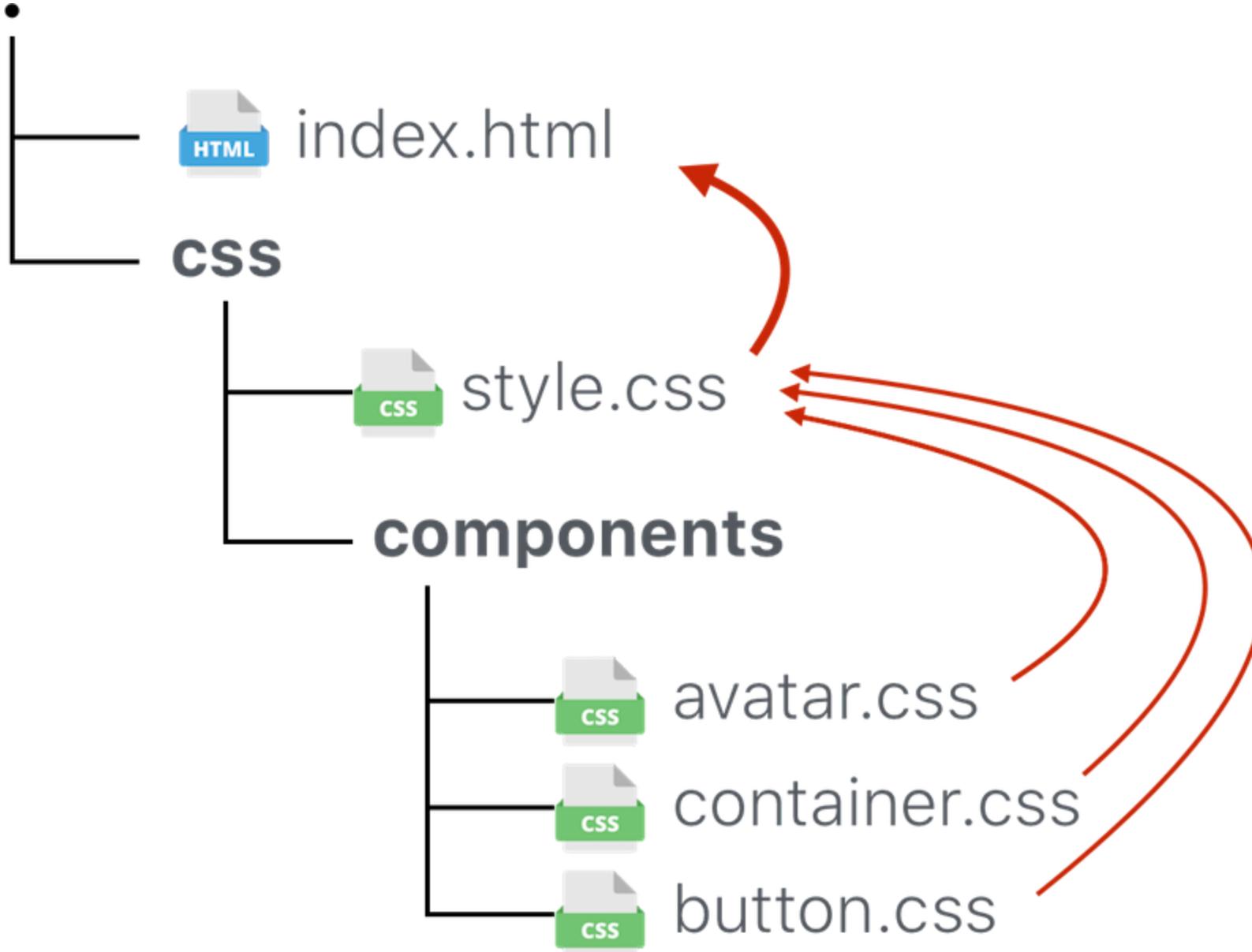
这是前端开发人员的秘密 😎

专业CSS组织 😎

开始前，我们先了解一下如何像真正的前端开发人员那样组织代码

根据组件组织CSS

- 昨天👉一个文件 `style.css`
- 今天👉每个组件有分别的文件



style.css将引入所有外部样式表（stylesheets）

```
/* style.css */  
  
/* --- 如何引入组件的样式表 --- */  
@import url("components/avatar.css");  
@import url("components/container.css");  
@import url("components/button.css");  
  
/* [...] */
```

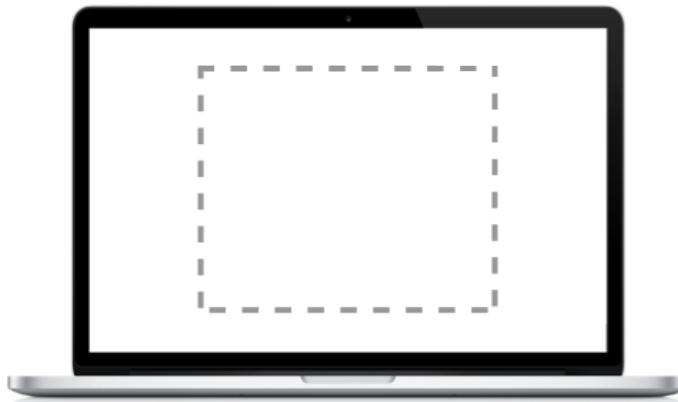
在HTML中用一个**link**标签来引用所有CSS 😍

```
<link rel="stylesheet" href="css/style.css">
```

第一个组件

基础组件（原子）

Container



Avatar



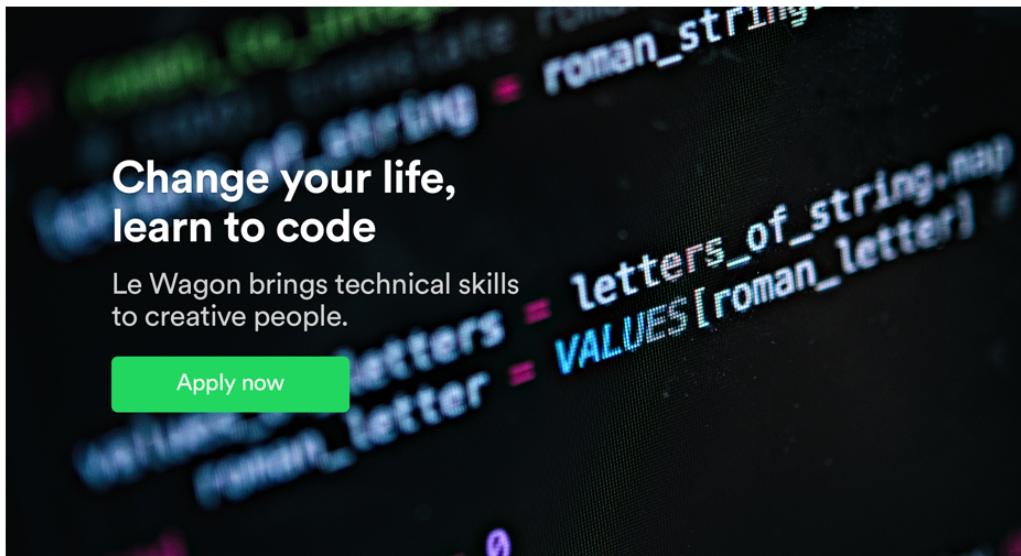
Button



结合原子（分子）

构建结构化的组件

Result



HTML

.banner

.container

h1

p

a.btn

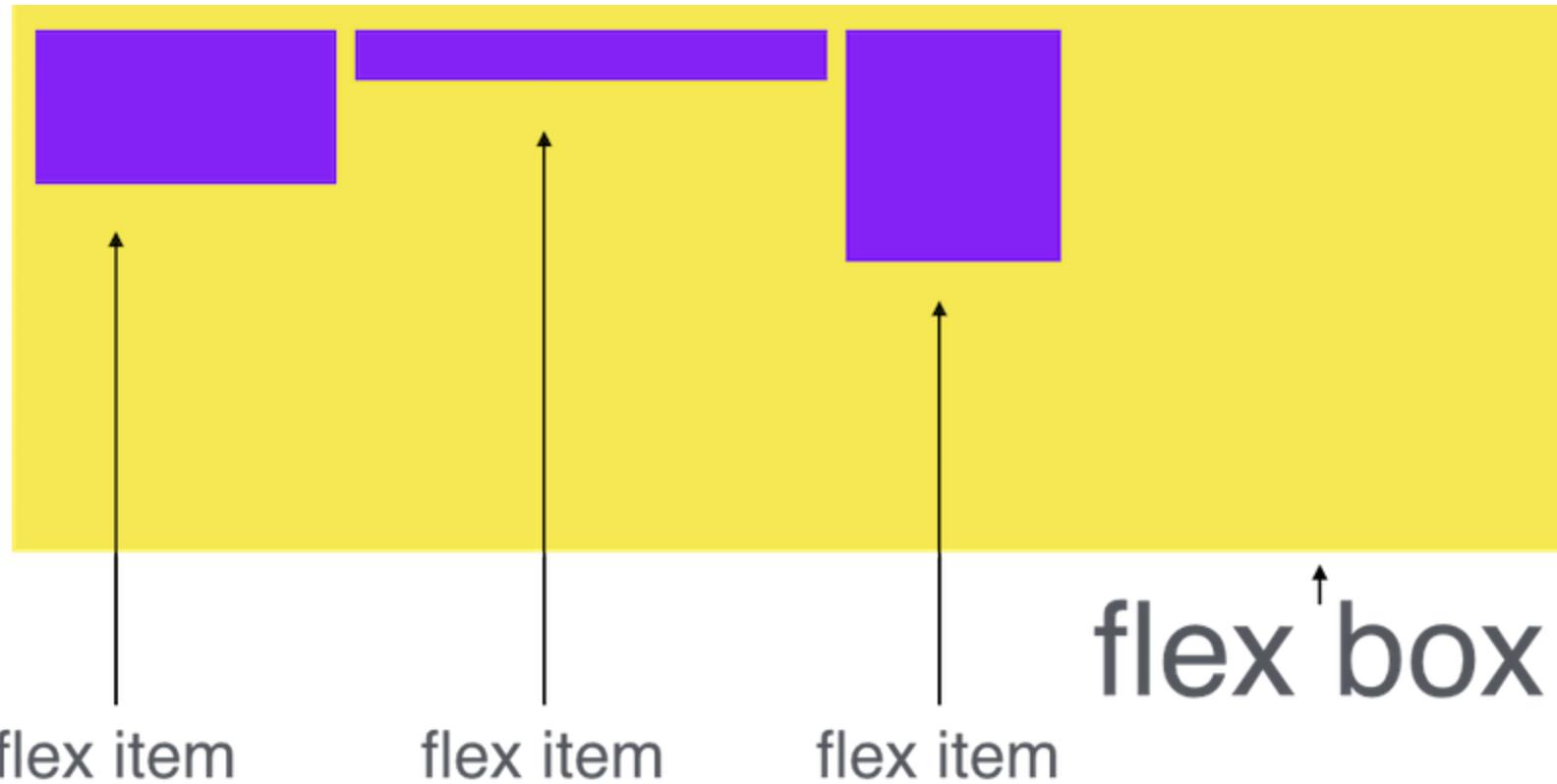
Flexbox组件

Flexbox

95%的组件都是用flexbox来构建的

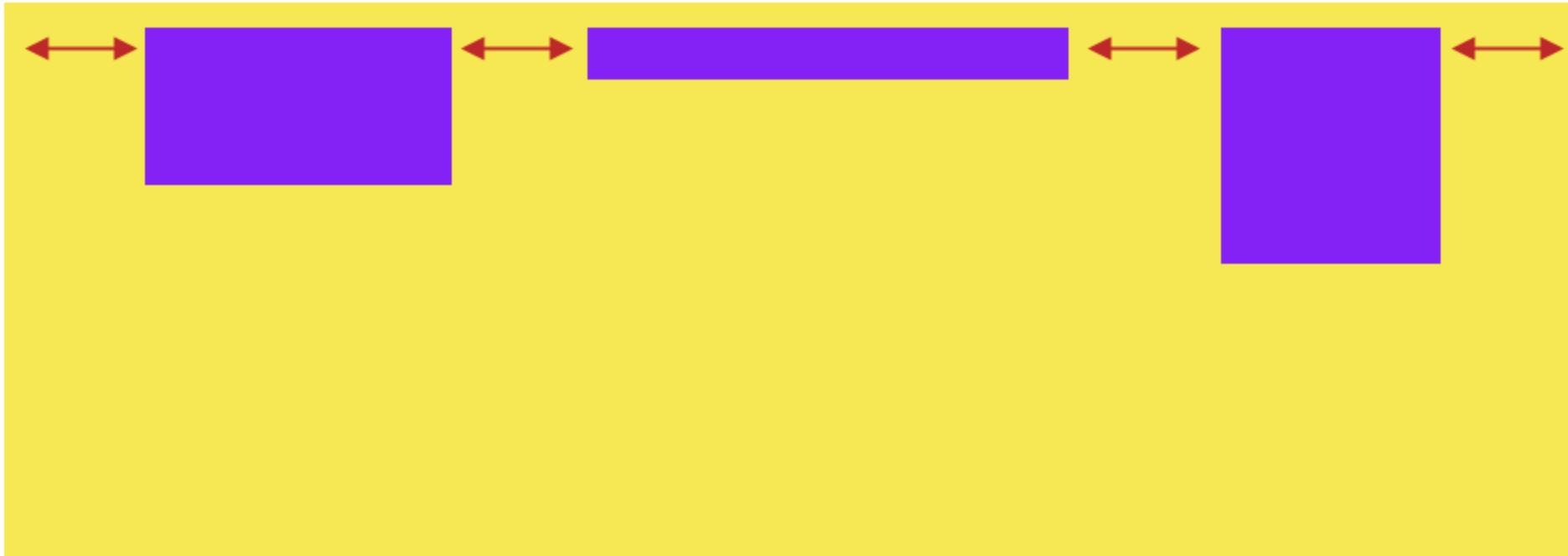
Flexbox - 词汇

```
.flexbox {  
  display: flex;  
}
```



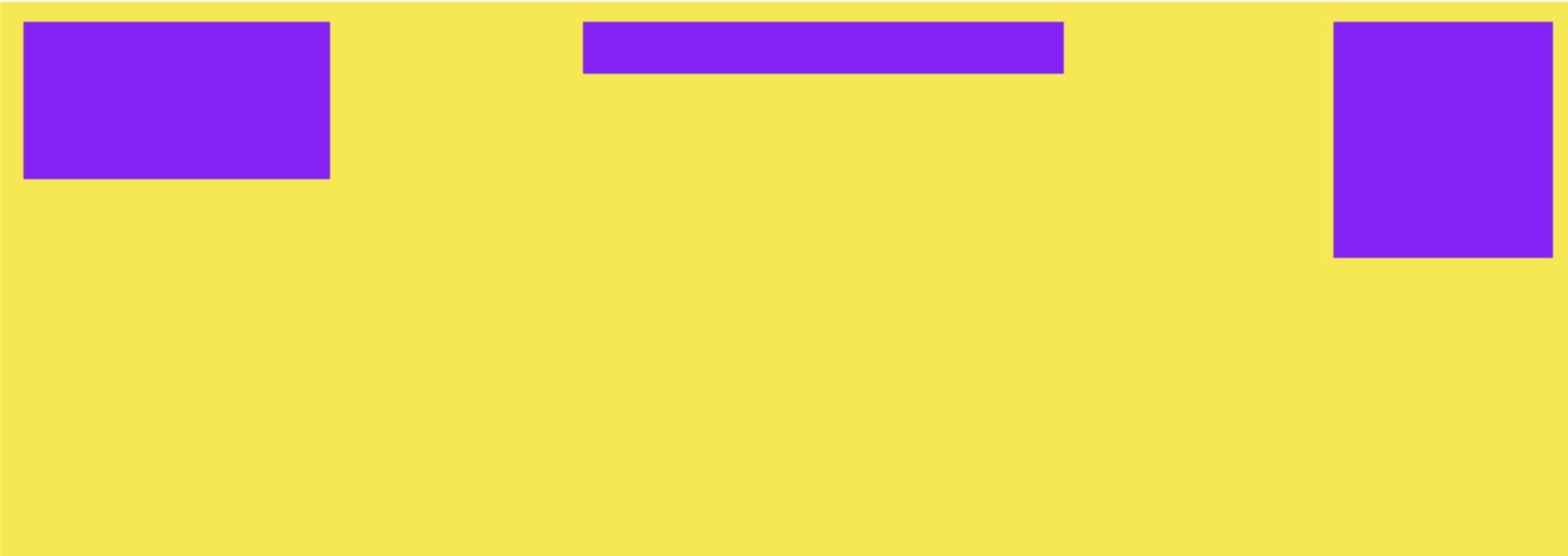
Flexbox - justify content (1)

```
.flexbox {  
  display: flex;  
  justify-content: space-evenly;  
}
```



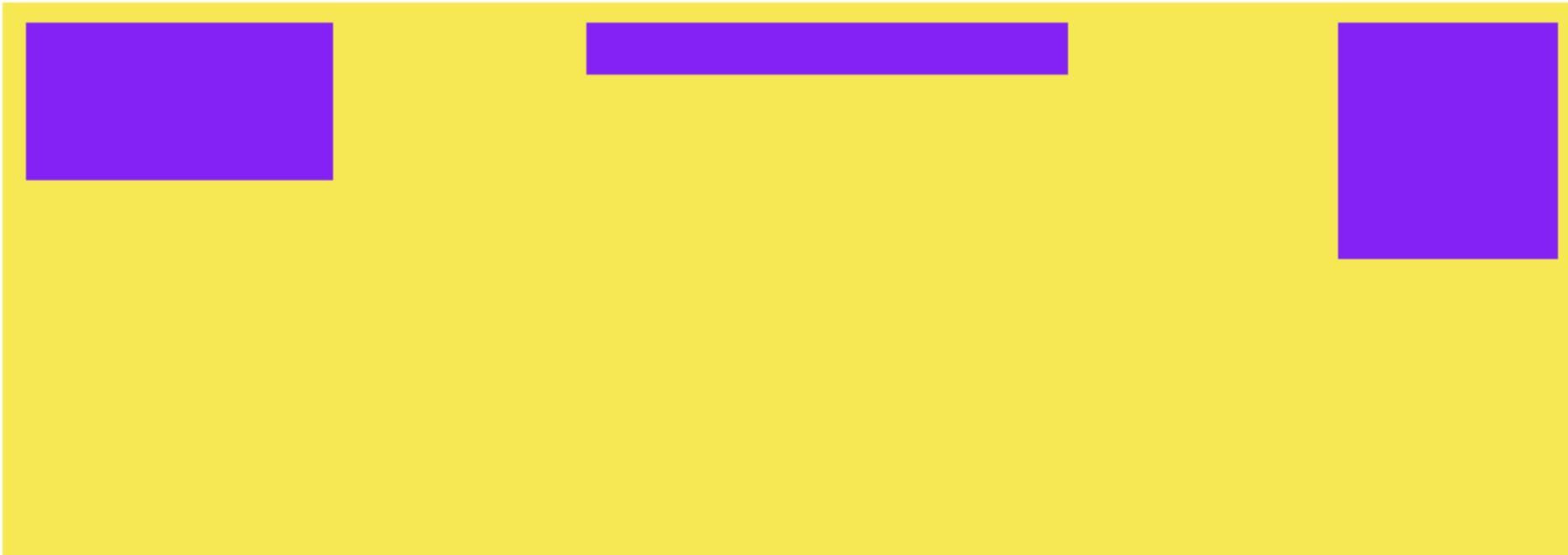
Flexbox - justify content (2)

```
.flexbox {  
  display: flex;  
  justify-content: space-between;  
}
```



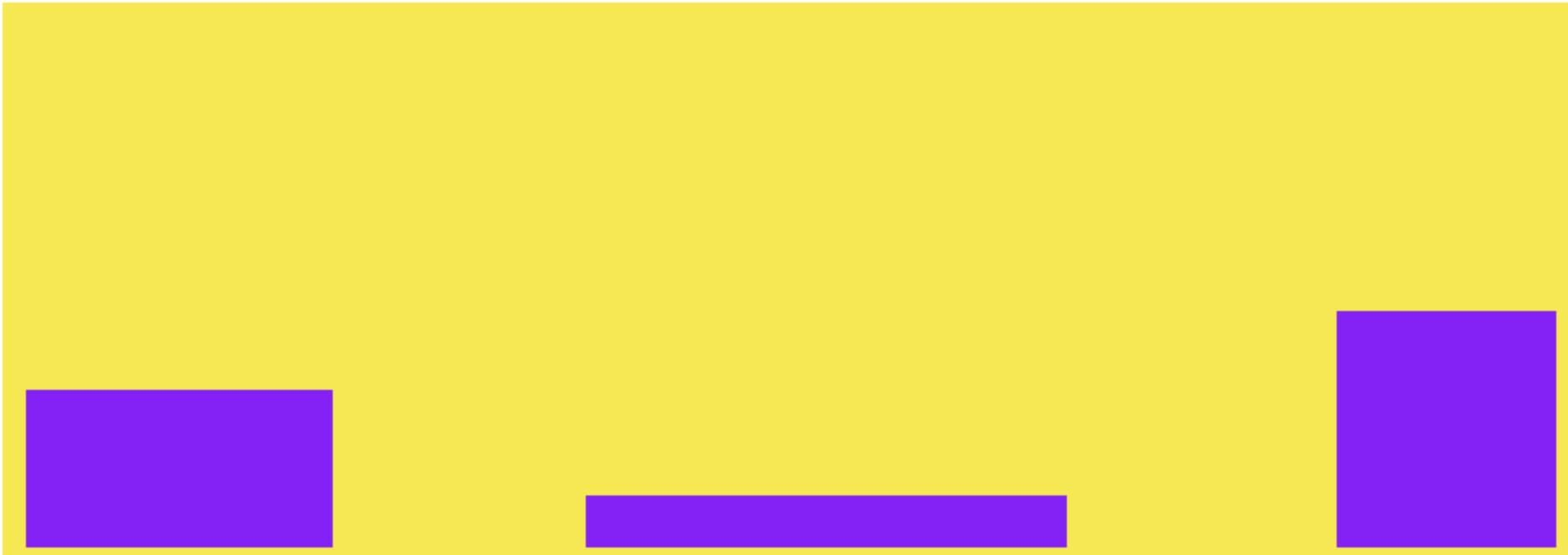
Flexbox - align items (1)

```
.flexbox {  
  display: flex;  
  justify-content: space-between;  
  align-items: flex-start;  
}
```



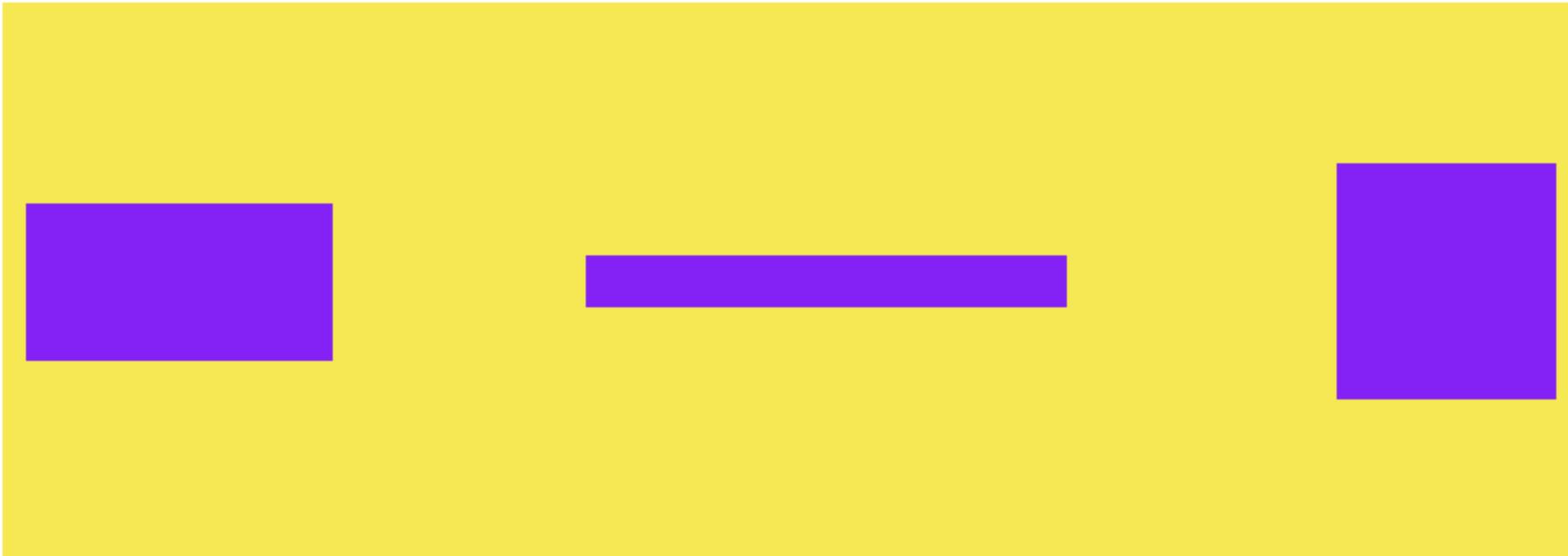
Flexbox - align items (2)

```
.flexbox {  
  display: flex;  
  justify-content: space-between;  
  align-items: flex-end;  
}
```



Flexbox - align items (3)

```
.flexbox {  
  display: flex;  
  justify-content: space-between;  
  align-items: center;  
}
```



Flex item - flex grow

```
.flexbox {  
  display: flex;  
  align-items: center;  
}  
  
.item {  
  flex-grow: 1;  
}
```



如何创建类别卡片样式

Result



HTML

.card-category

h2

如何创建产品卡片样式

Result

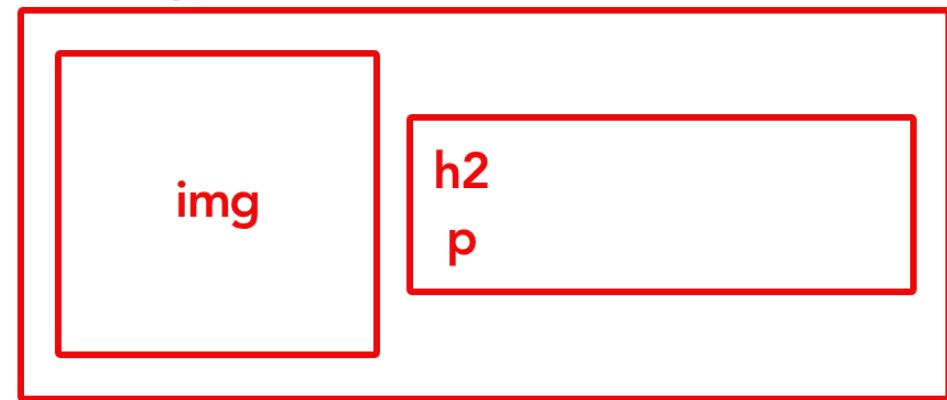


Luke Young

Dimensions: From 5'6 to 6'6

HTML

.card-product



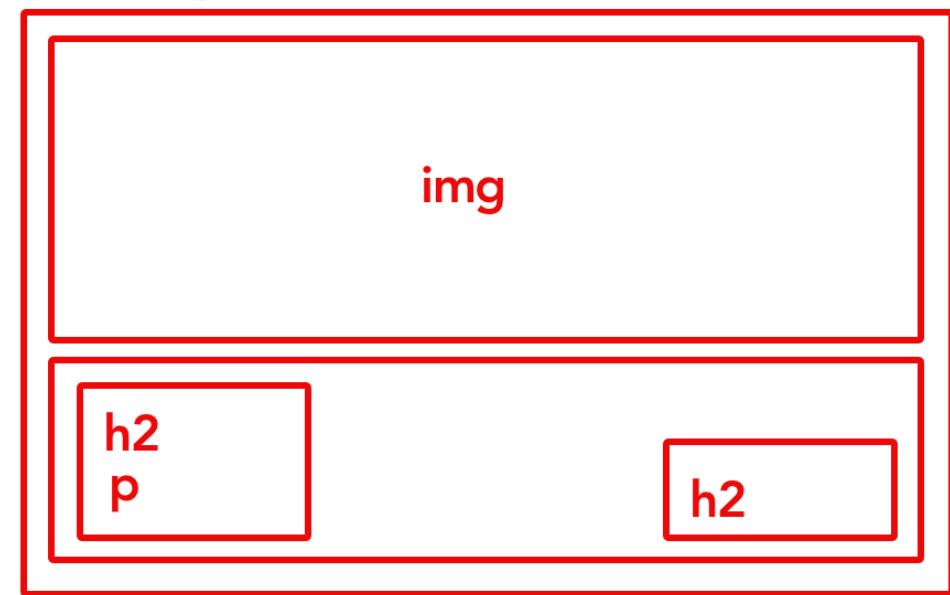
Flex quiz - 如何创建以下旅行卡片的样式呢？

Result



.card-trip

HTML



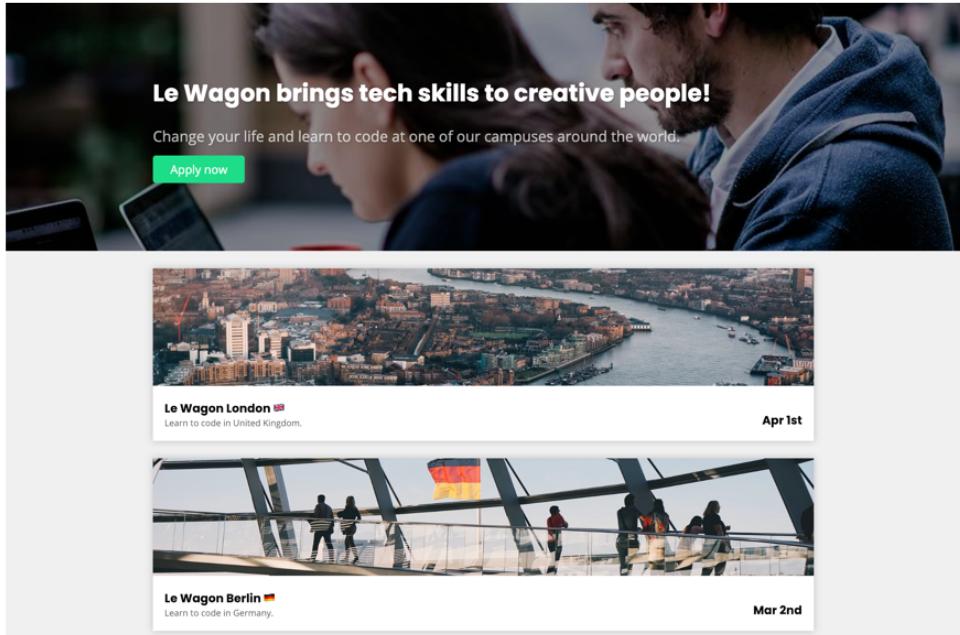
接下来，我们将使用**flexbox**来构建更多的组件

- 一个类别卡片
- 一个产品卡片
- 一个旅行卡片

如何建设一个网页

将组件结合到一个页面中 😎

Result



HTML

.banner

.container

.container

.card-trip

.card-trip

Let's build awesome components 🚀