

le wagon

Learn to code
the startup way



Le Wagon brings **technical skills**
to **creative people**

1 bootcamp, 9 weeks, 360+ hours of code

New skills | **New** mindset | **New** opportunities

300+ challenges, 45+ lectures, 50+ live code

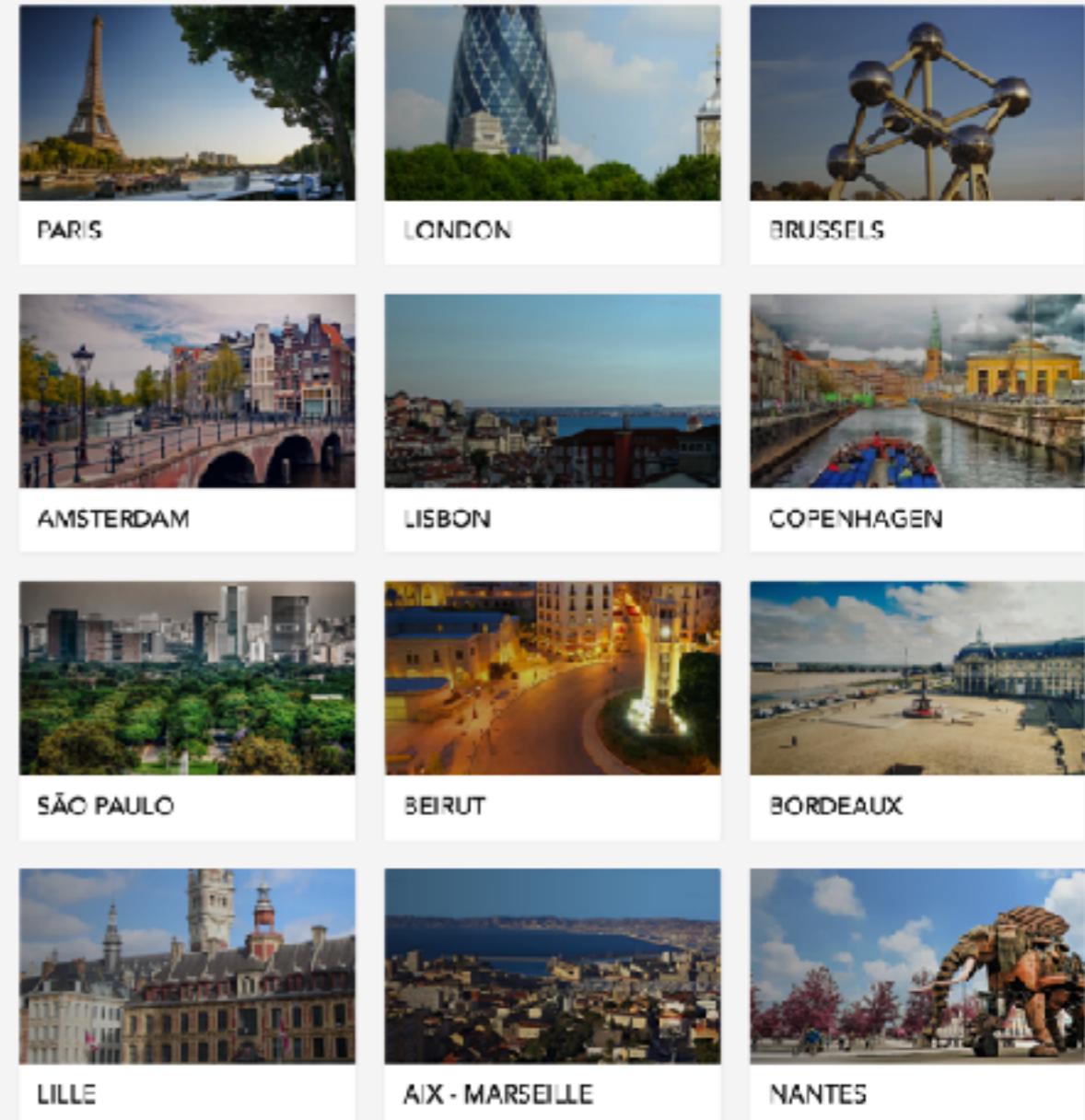
Validated & improved over **100+ camps**

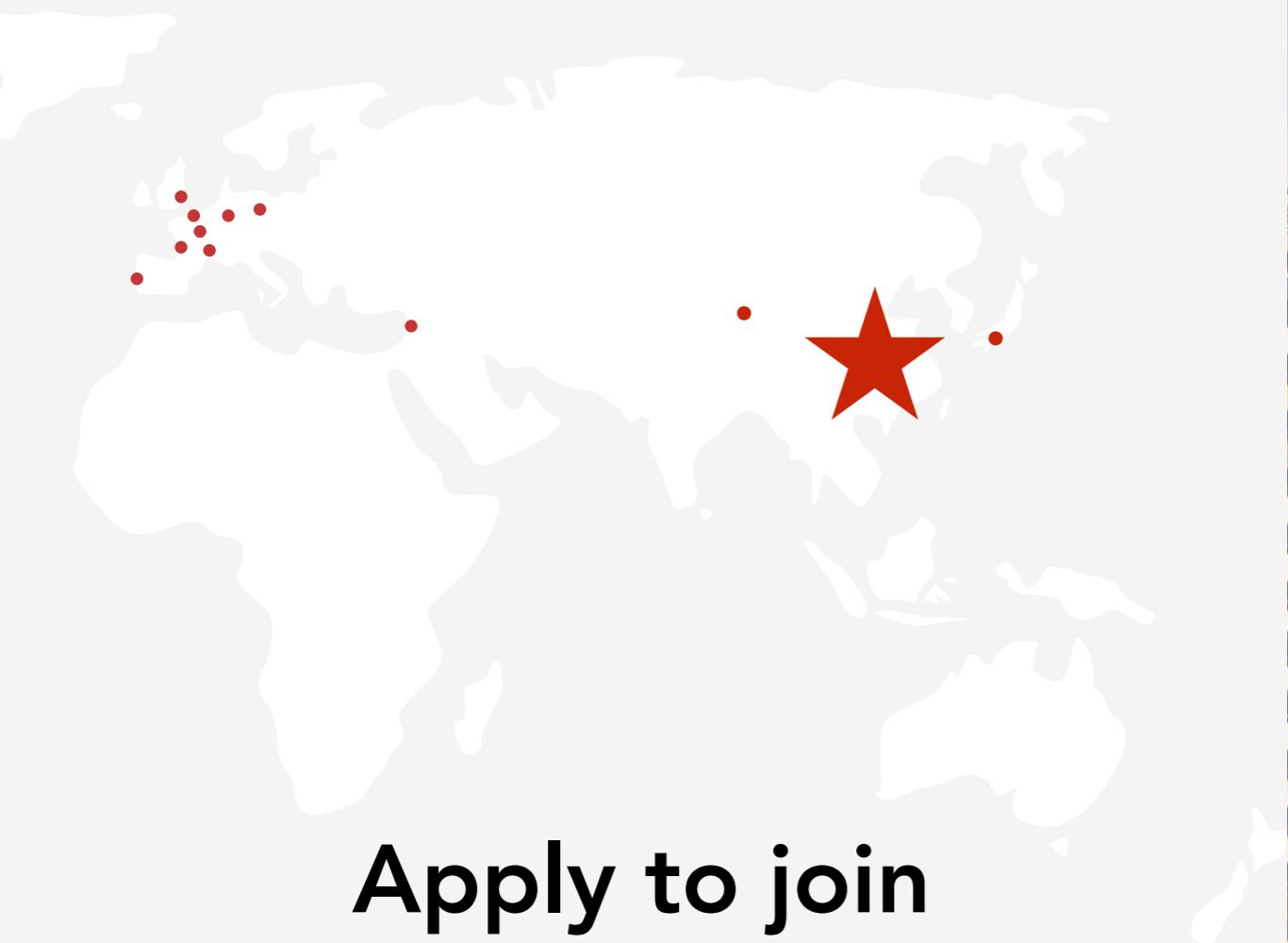




Rated #1 Coding Bootcamp

Founded in Paris, 2013
2000+ alumni network
150 expert mentors
25 Wagons worldwide
and rapidly growing





Apply to join

lewagon.com/shanghai

Shanghai

February 2017

May 2017

July 2017

October 2017

February 2018

Last Seats

Women in Tech! 10% discount



1. Application form
2. Interview
3. Online test
4. Prepwork
5. 🚀

2h-landing



le wagon

<https://tgenaitay.github.io/16dec/>

Landing page

Clear proposition value
Clean design
Call-to-Action
CRM first milestone

Landing page tools

strikingly



Coding languages

HTML



content
+ structure

CSS



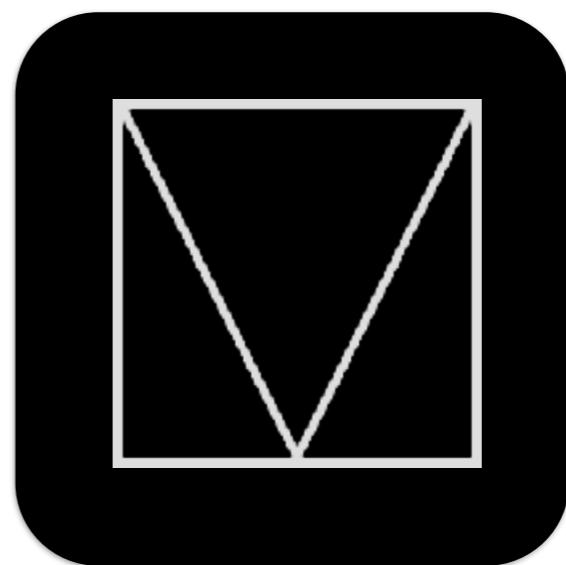
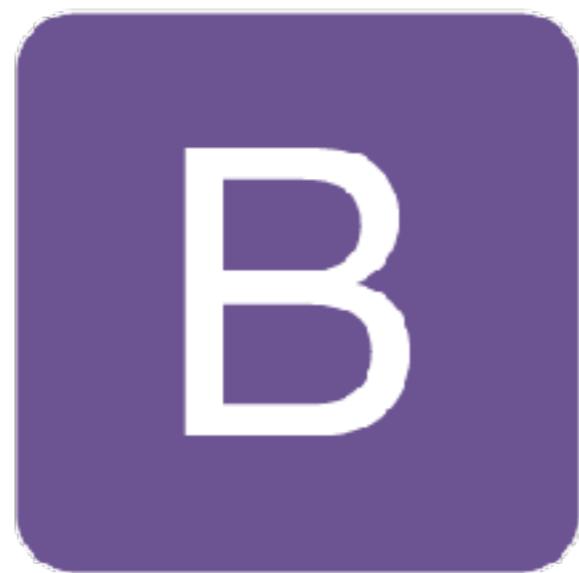
style

JS



dynamism
+ usability

CSS libraries



Workshop outline

Theoretical intros

Basic concepts to understand

Live-code demos

We code, you don't :)

Your turn

Have fun

Setup



Action 1.
Let's set up

Front-end languages

HTML



CSS



JS



Structure

HTML



Structure your content

Design

css



Design your content

Animation



Animate your content

HTML

Without structure, no design

Different contents

some text content..

some other content..

some third content..

Tag them

some text content..

h1

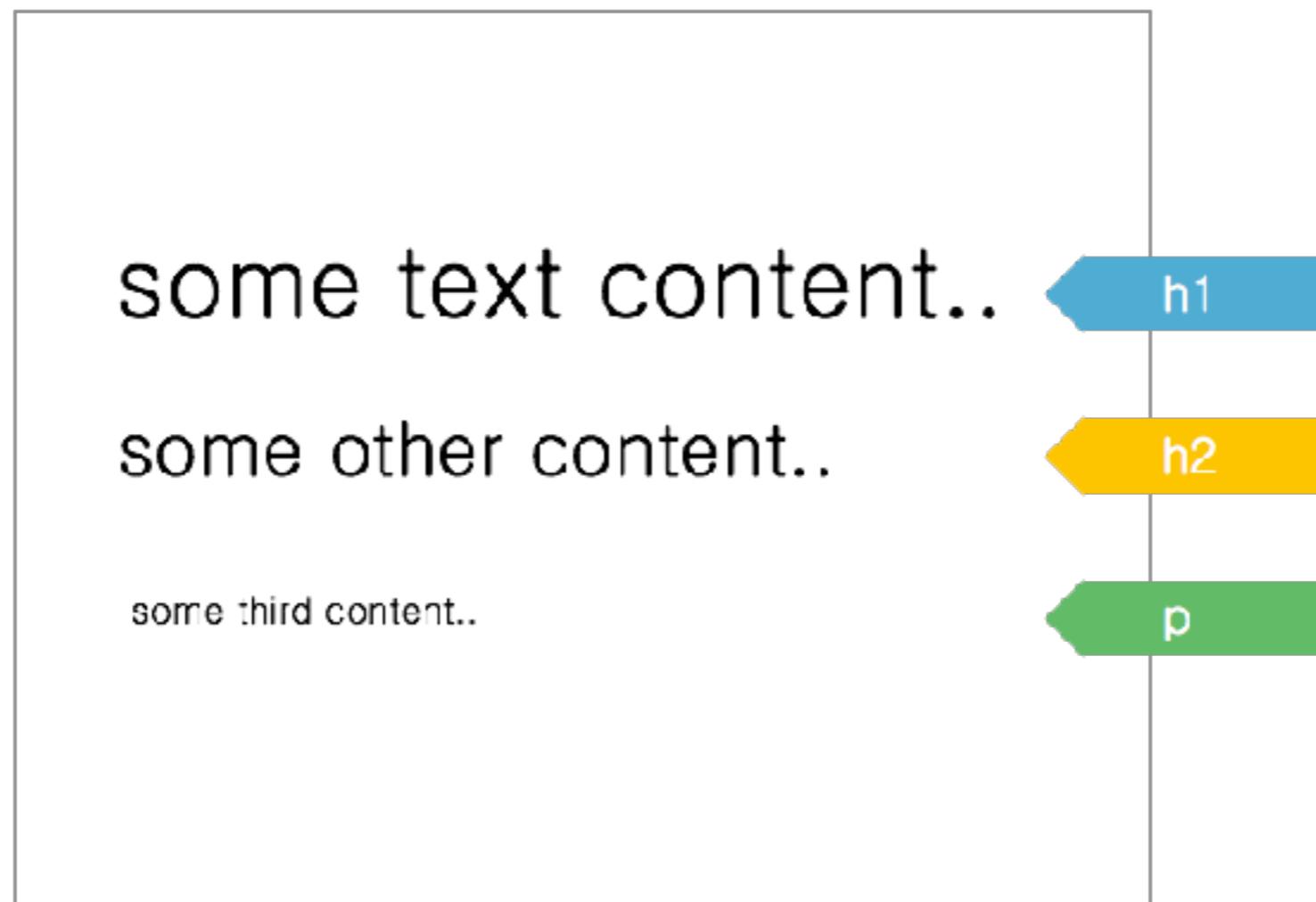
some other content..

h2

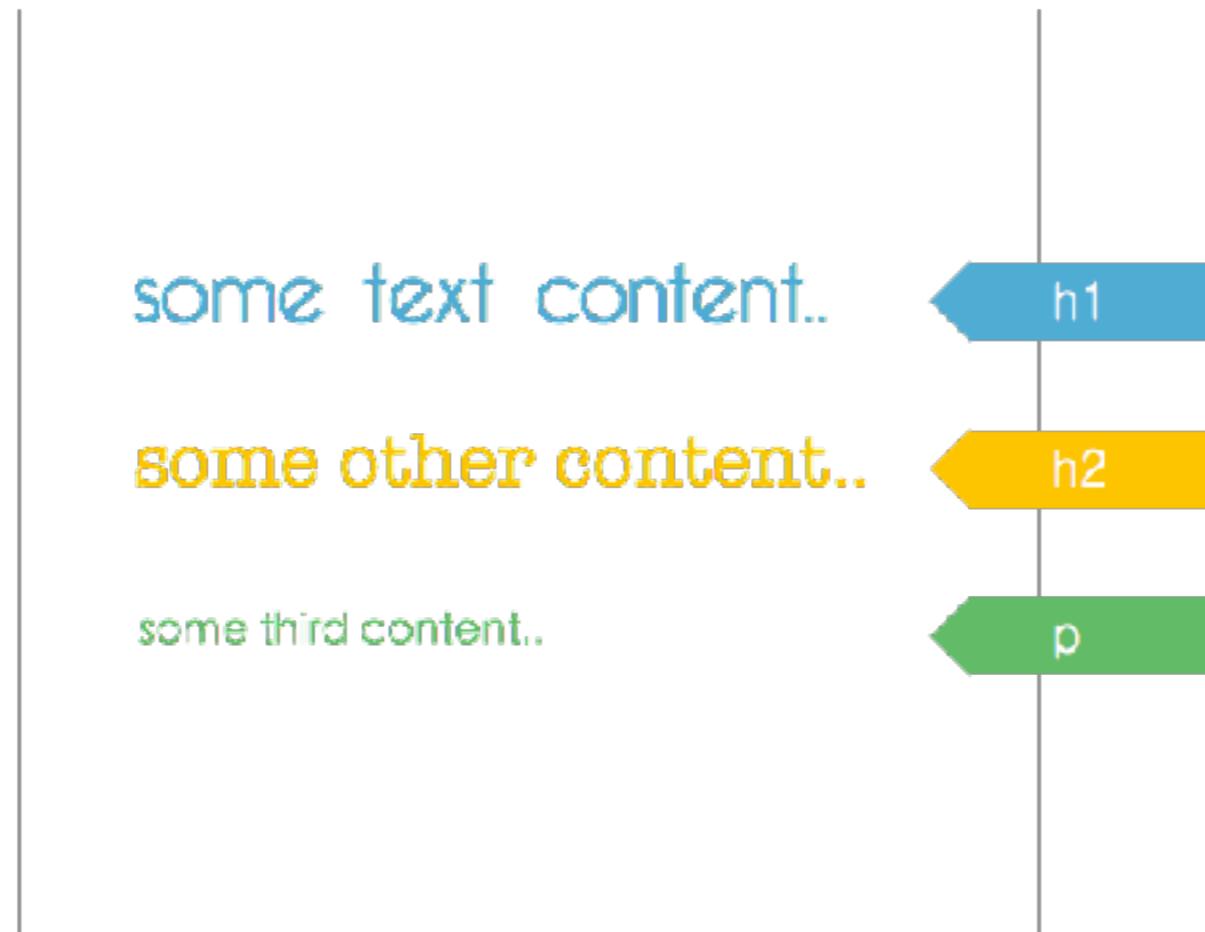
some third content..

p

Browser apply defaults



Over-ride with CSS



Skeleton

<!DOCTYPE html>

<!-- end of file -->

Skeleton

```
<!DOCTYPE html>
```

```
<html>
```

```
<!-- html code -->
```

```
</html>
```

```
<!-- end of file -->
```

Head & body

```
<!DOCTYPE html>
<html>
  <head>
    <!-- Intelligence (meta-data) -->
  </head>
  <body>
    <!-- Stuff to display-->
  </body>
</html>
<!-- end of file -->
```

Title & utf-8

```
<!DOCTYPE html>
<html>
  <head>
    <title>Landing</title>
    <meta charset="utf-8">
  </head>
  <body>
    <!-- Stuff to display-->
  </body>
</html>
<!-- end of file -->
```

Head & search

```
<head>  
  <title>Le Wagon - Learn to code...</title>  
  <meta name="description" content="Le Wagon is...">  
</head>
```

Le Wagon - Learn to code - Bootcamp in Ruby on Rails, HTM...

<https://www.lewagon.com/> ▾

Le Wagon is Europe's best coding school for entrepreneurs. Checkout for yourself the projects developed by our students.

Head & Facebook

```
<head>
```

```
  <meta property="og:title" content="le Wagon - The..">
  <meta property="og:image" content="facebook-card.jpg">
  <meta property="og:description" content="Le Wagon is the...">
```

```
</head>
```

Check out <http://lewagon.org/en>

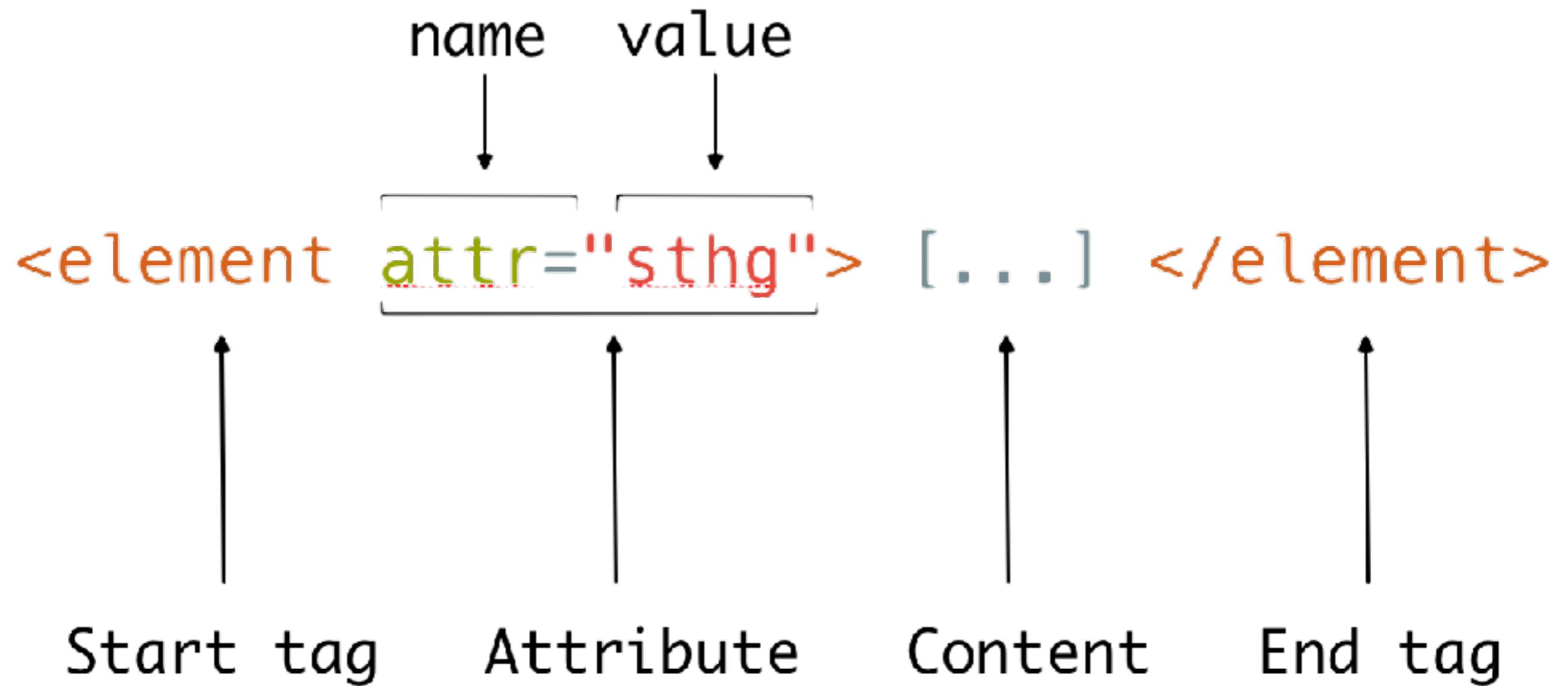


Le Wagon - The French innovative coding school

Le Wagon is the best French coding school for entrepreneurs. Checkout by yourself the projects of our students. You will be impressed.

WWW.LEWAGON.ORG

Core syntax



Syntax example

```
<a href="http://lewagon.org" target="_blank">  
  Le Wagon  
</a>
```



Le Wagon

What is the tag name?
What is the content?
What are the two attributes?

HTML - titles

```
<h1>[...]</h1>
<h2>[...]</h2>
<h3>[...]</h3>
<h4>[...]</h4>
<h5>[...]</h5>
<h6>[...]</h6>
```

HTML - paragraph

<**p**>

 Lorem ipsum dolor sit amet, consectetur
 adipisicing elit. Veritatis laboriosam
 autem at ab omnis iure quis

</**p**>

HTML - emphasize

<p>

You can emphasise <**em**>some words</**em**>, and even <**strong**>more if needed</**strong**>

</p>

HTML - list

```
<h2>Shopping list</h2>
```

```
<ul>
```

```
  <li>Milk</li>
```

```
  <li>Butter</li>
```

```
</ul>
```

```
<h2>World Cup 2014</h2>
```

```
<ol>
```

```
  <li>Germany</li>
```

```
  <li>Argentina</li>
```

```
</ol>
```

HTML - image

```

```

Action 2.

Let's add HTML content now.

CSS

Web without CSS ? Let's find a page and cut its head!



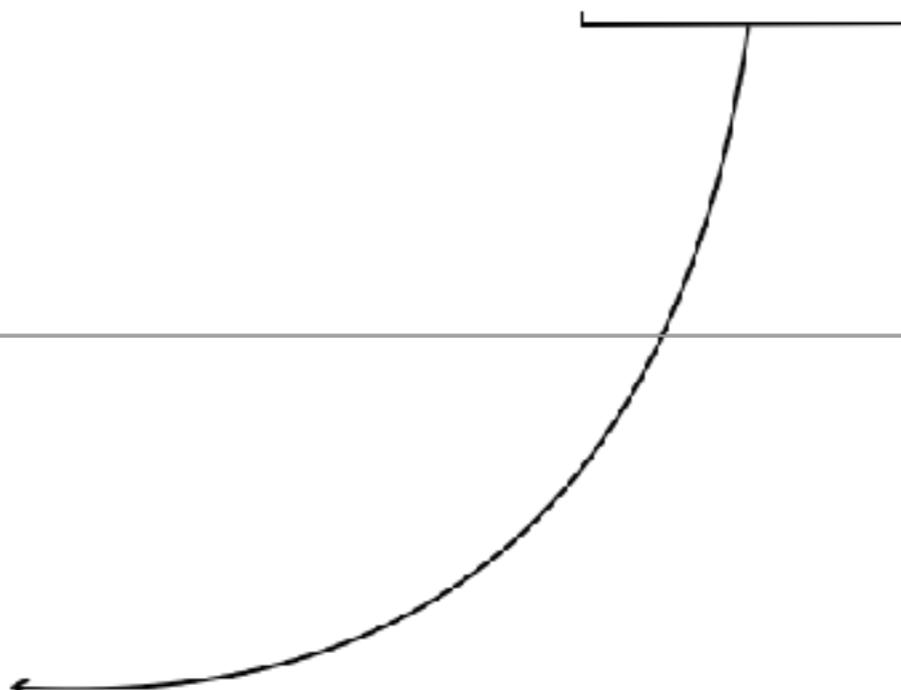
Linking stylesheets

index.html

```
1 <head>
2   <link rel="stylesheet" href="style.css">
3 </head>
4 <body>
5   <h1>Hello</h1>
6 </body>
```

style.css

```
1 h1 {
2   color: red;
3 }
```



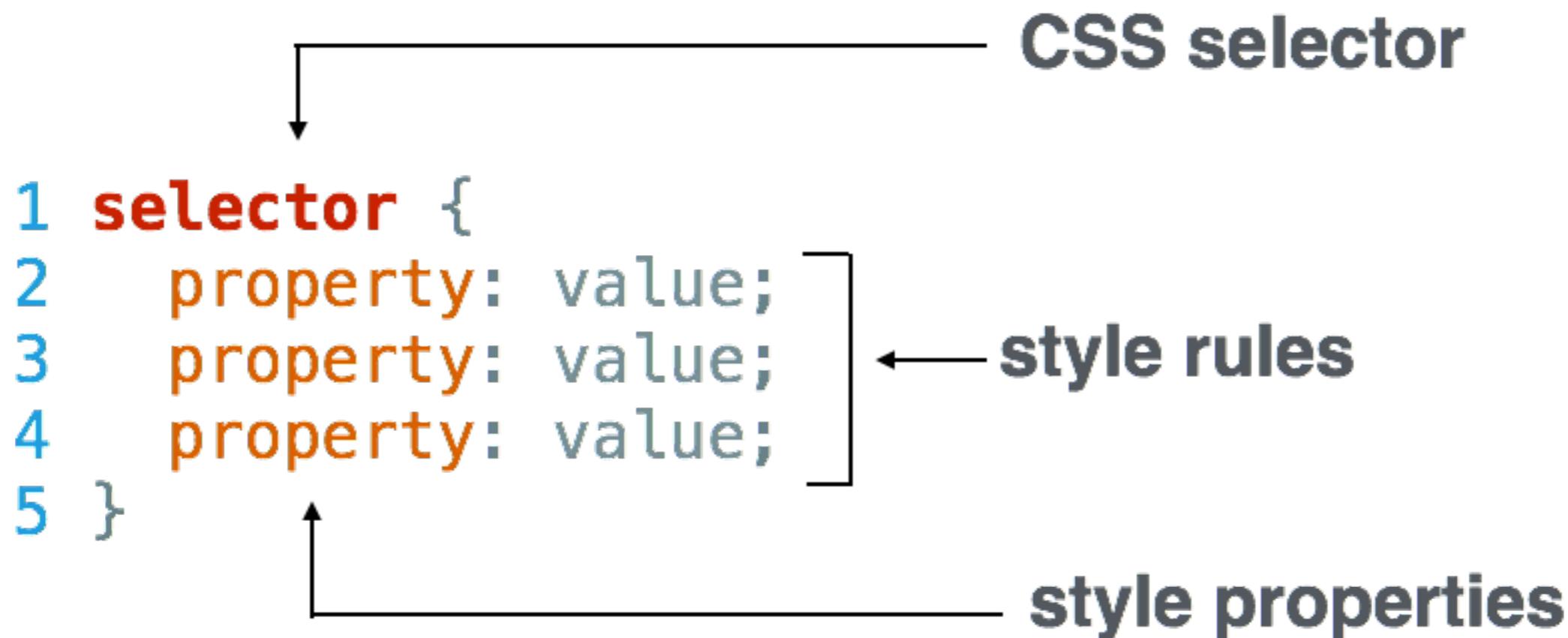
CSS syntax

```
1 selector {  
2   property: value;  
3   property: value;  
4   property: value;  
5 }
```

selection of one or more elements of the page..

..on which we define style rules

CSS vocabulary



Use the good keywords on Google

CSS example



we select
all <h2> of the page

```
1 h2 {  
2   color: red;  
3   font-size: 20px;  
4   font-family: arial;  
5 }
```

This is headline 2

Colors

```
h2 {  
    color: orange;  
    color: #FF530D;  
    color: rgb(255, 83, 13);  
    color: rgba(255, 83, 13, 1.0);  
}
```

This is headline 2

RGB tips



Text vs. Background

```
1 body {  
2   color: orange;  
3   background-color: yellow;  
4 }
```

text color

background color

Background images

```
1 body {  
2   color: orange;  
3   background-image: url("background.jpg");  
4 }
```

background-image



Font family

```
1 body {  
2   font-family: Times, serif;  
3 }
```

A
B
C

```
1 body {  
2   font-family: Arial, sans-serif;  
3 }
```

A
B
C

```
1 body {  
2   font-family: Courier, monospace;  
3 }
```

A
B
C

Font decoration

```
1 p {  
2   text-decoration: underline;  
3 }
```

Abc

```
1 a {  
2   text-decoration: none;  
3 }
```

sign up
↓
sign up

Font alignment

```
1 p {  
2   text-align: center;  
3 }
```

This is a centered paragraph aligned with text-align

```
1 p {  
2   text-align: justify;  
3 }
```

This is a justified paragraph aligned with text-align

Font size & spacing

```
1 body {  
2   letter-spacing: 10px;  
3 }
```

A **b** c
letter-spacing

```
1 body {  
2   font-size: 30px;  
3 }
```

font-size
Abc

```
1 body {  
2   line-height: 1.6;  
3 }
```

line-height
Abc

Font weight

```
1 body {  
2   font-weight: 100;  
3   // from 100 to 900.  
4 }
```

Light text

```
1 body {  
2   font-weight: bold;  
3 }
```

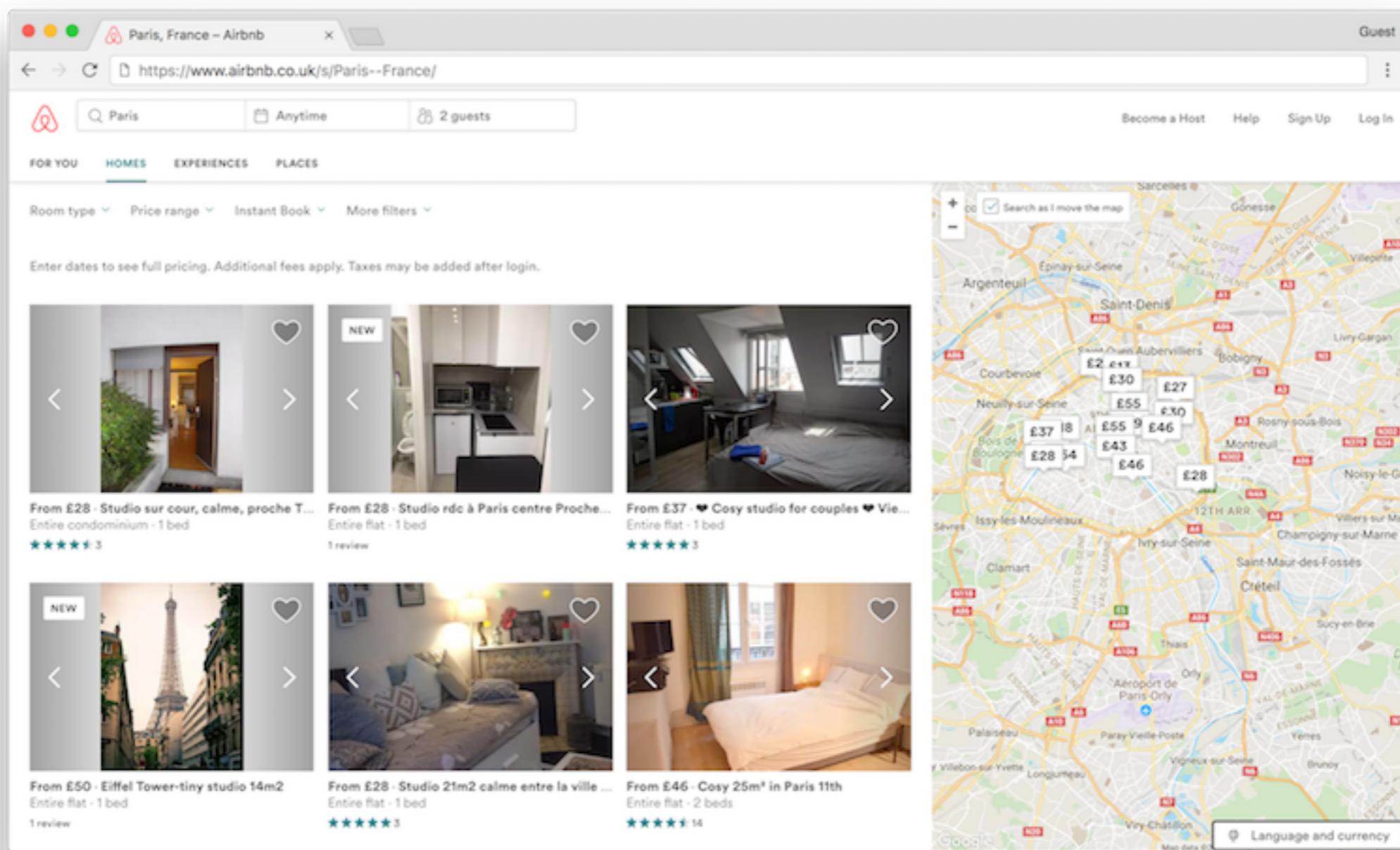
Bold text

Action 3.

CSS for Fonts & Colors

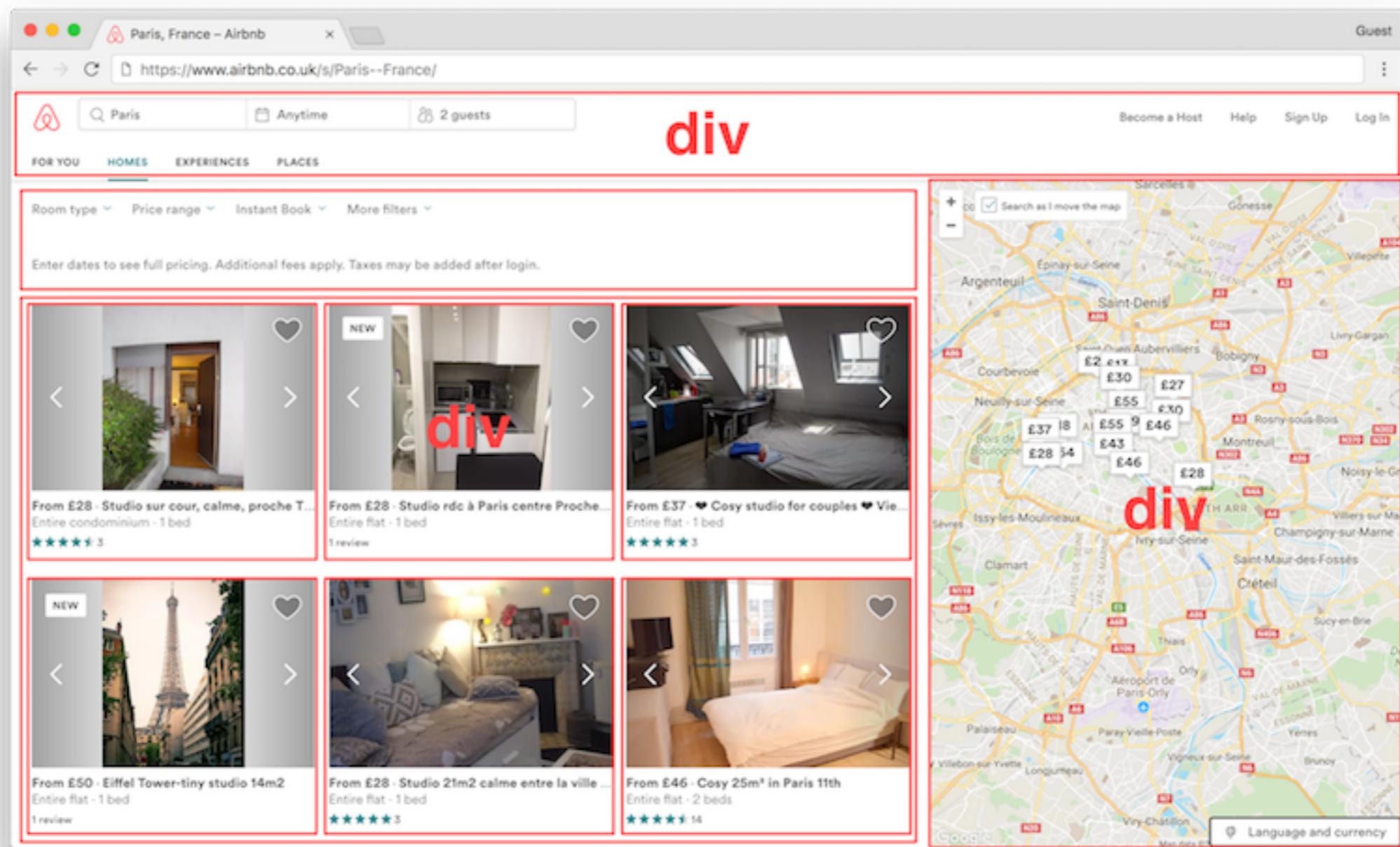
Div & Box model

Real-life...

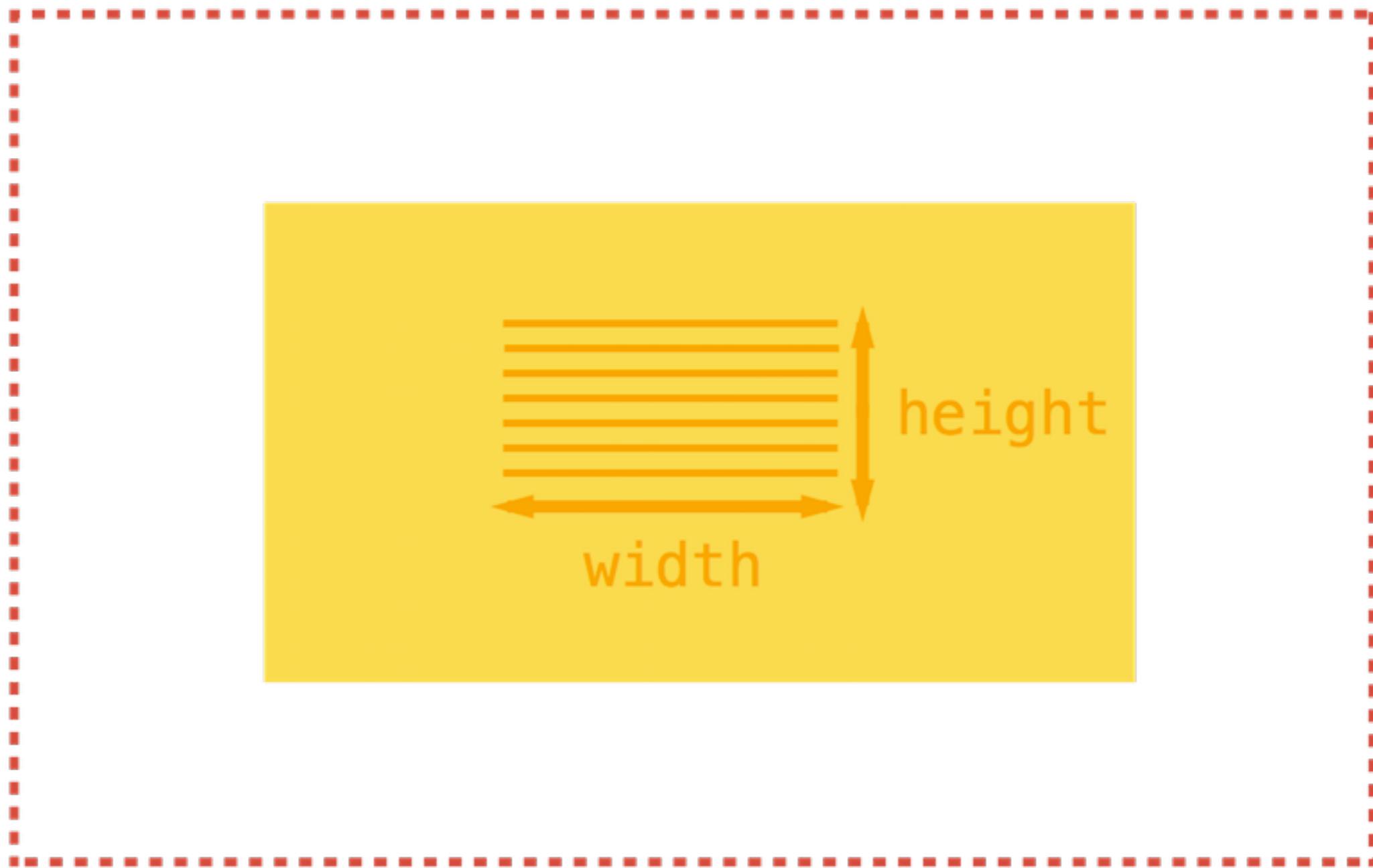


Div & Box model

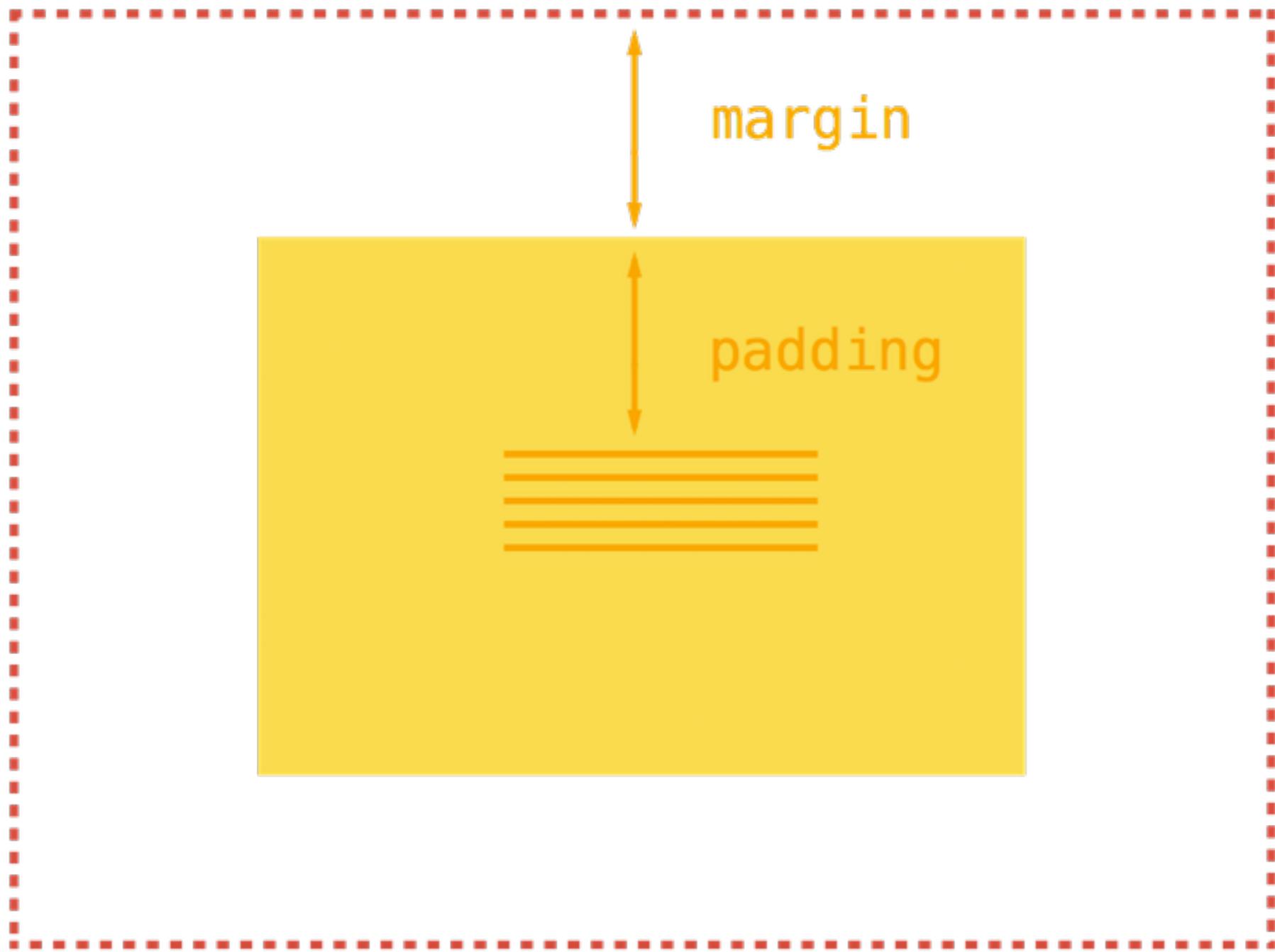
...is made of div



Box model - content



Box model - margins



Box model - border



Box model - border

```
div {  
    border: 1px solid green;  
    border: 2px dashed #FF530D;  
}
```



Box model - radius



`border-radius: 5px;`

Box model - shadow



`box-shadow: 2px 2px 3px blue;`

Action 4.

Wrap with div

id & class

how do you resize the logo only?

HTML

```
1 
2
3 <ul>
4   <li></li>
5   <li></li>
6   <li></li>
7   <li></li>
8 </ul>
```

CSS

```
1 img {
2   width: 40px;
3 }
```



how do you resize the logo only?

HTML

```
1 
2
3 <ul>
4   <li></li>
5   <li></li>
6   <li></li>
7   <li></li>
8 </ul>
```

CSS

```
1 #logo {
2   width: 40px;
3 }
```



how do you style staff pictures only?

```
1 
2
3 <ul>
HTML 4   <li></li>
5   <li></li>
6   <li></li>
7   <li></li>
8 </ul>
```

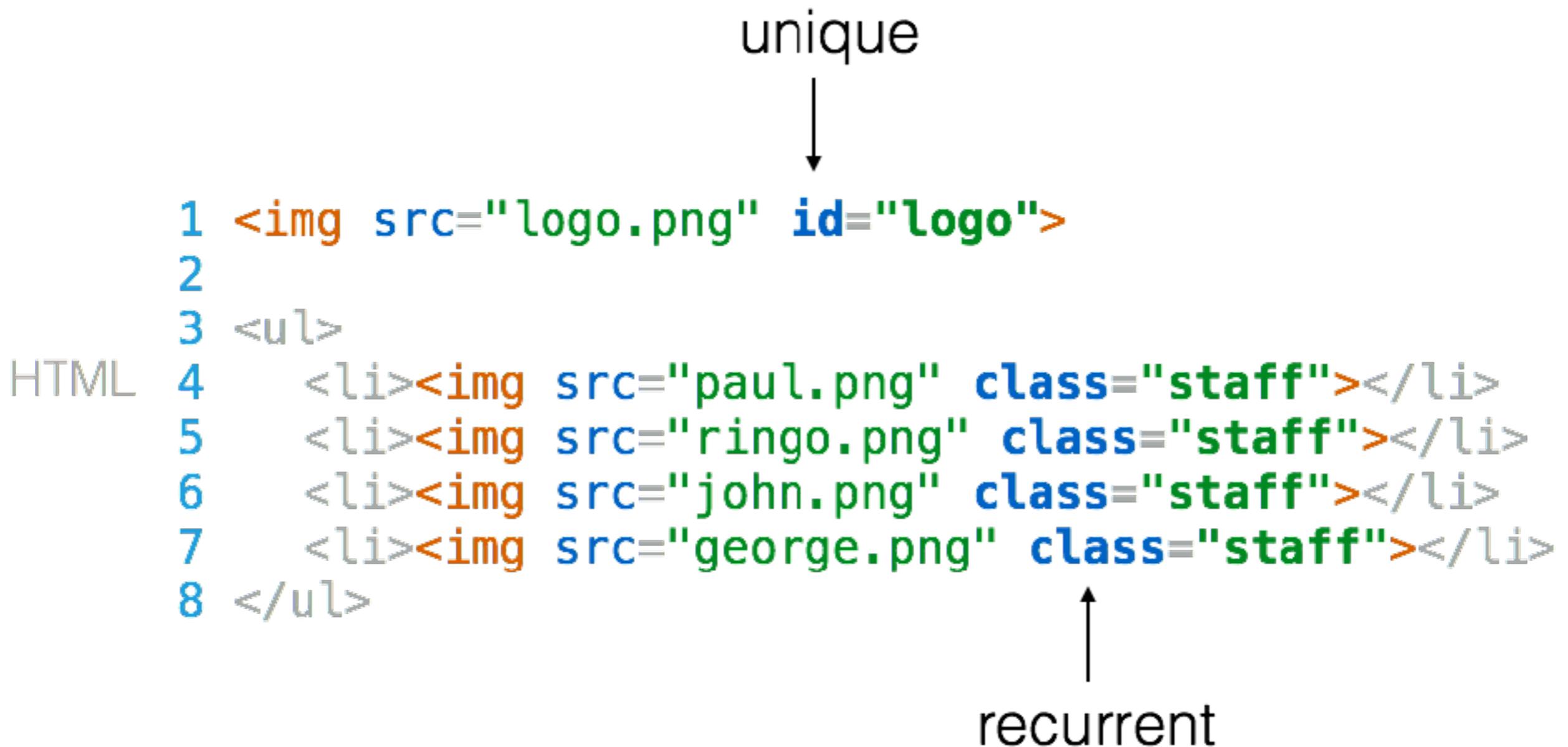
how do you style staff pictures only?

```
1   
2  
3 <ul>  
HTML 4   <li></li>  
5   <li></li>  
6   <li></li>  
7   <li></li>  
8 </ul>
```

```
CSS 1 .staff {  
2   border-radius: 50%;  
3 }
```



id or class?



Combine

HTML 1



CSS

```
1 .staff {  
2   border-radius: 50%;  
3 }
```



Combine

HTML 1

CSS

```
1 .staff {  
2   border-radius: 50%;  
3 }  
4  
5 .shadow {  
6   box-shadow: 5px 5px 3px black;  
7 }
```



Combine

HTML 1

```
1 .staff {  
2   border-radius: 10px;  
3 }  
4
```



CSS

```
5 .shadow {  
6   box-shadow: 5px 5px 3px black;  
7 }  
8  
9 #lead {  
10  border: 5px solid red;  
11 }
```



Action 5.

Name your tags

Fontawesome

For UI elements,
you don't want .png or .jpg files
You want a font of icons

<http://fontawesome.io/icons/>

Action 6.
Fontawesome

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Feedbacks



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