



le wagon

Welcome aboard



**Thibault**





Change your life: learn to code

Le Wagon brings technical skills to creative people



# 1 bootcamp, 9 weeks, 360+ hours of code

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



# 19 Wagons around the globe



PARIS



LONDON



BRUSSELS



AMSTERDAM



LISBON



COPENHAGEN



SÃO PAULO



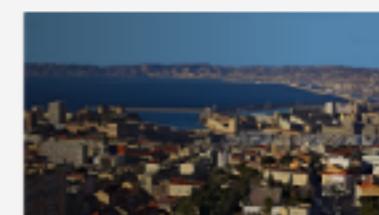
BEIRUT



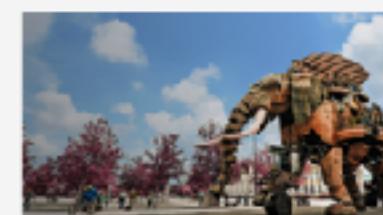
BORDEAUX



LILLE



AIX - MARSEILLE



NANTES



China

Shanghai

February 2017

May 2017

July 2017

[lewagon.com/shanghai](http://lewagon.com/shanghai)

# Community workshops in Shanghai

1. **APIs** for beginners
2. The 2-Hour **Landing Page**
3. **Javascript** course for beginners
4. **Ruby** course for beginners
5. **CSS3** components design
6. Technical **Workflows** for Startups
7. Introduction to **Git & Github**
8. **WeChat APIs** hands-on workshop
9. Product **Specifications** 101
10. **Sketch** crash course



# 2h profile page



le wagon

**<https://tgenaitay.github.io/essca/>**

# Landing page tools

*strikingly*



# Coding languages

**HTML**



content  
+ structure

**CSS**



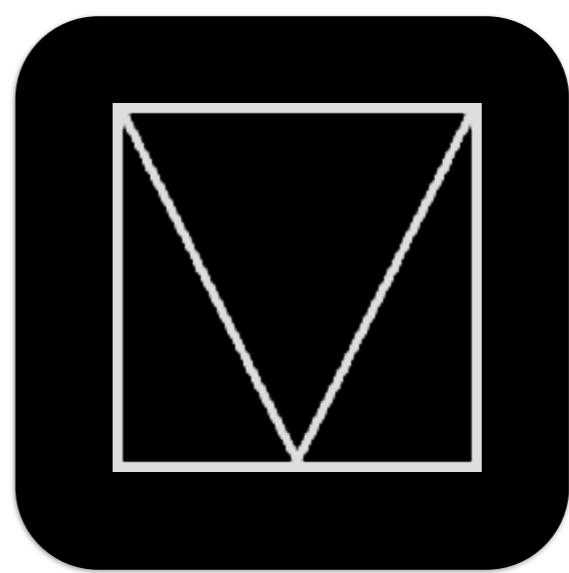
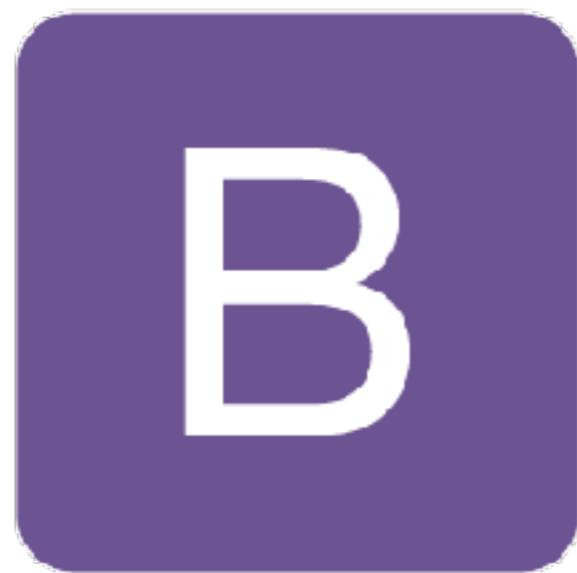
style

**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

JS



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

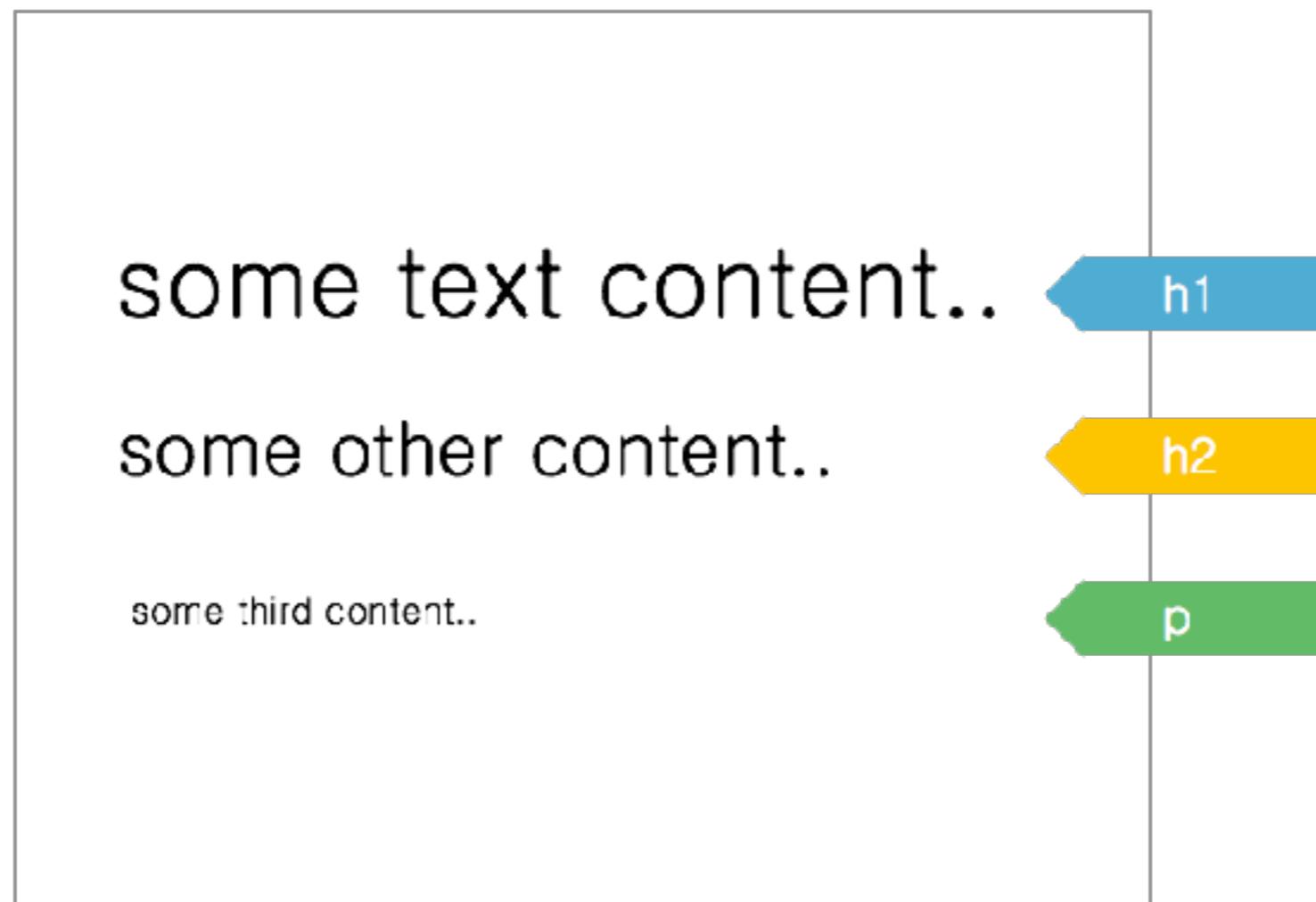
some other content..

h2

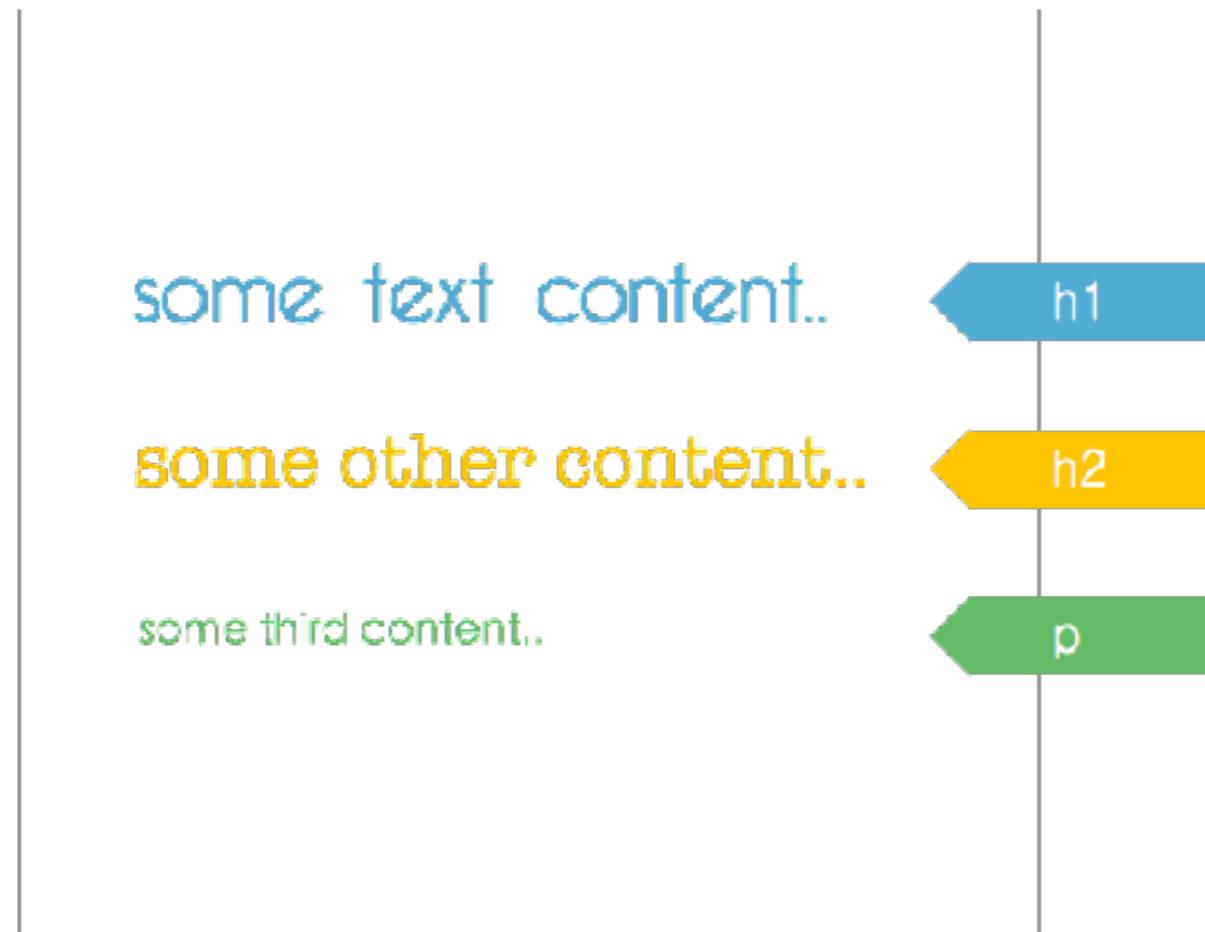
some third content..

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>

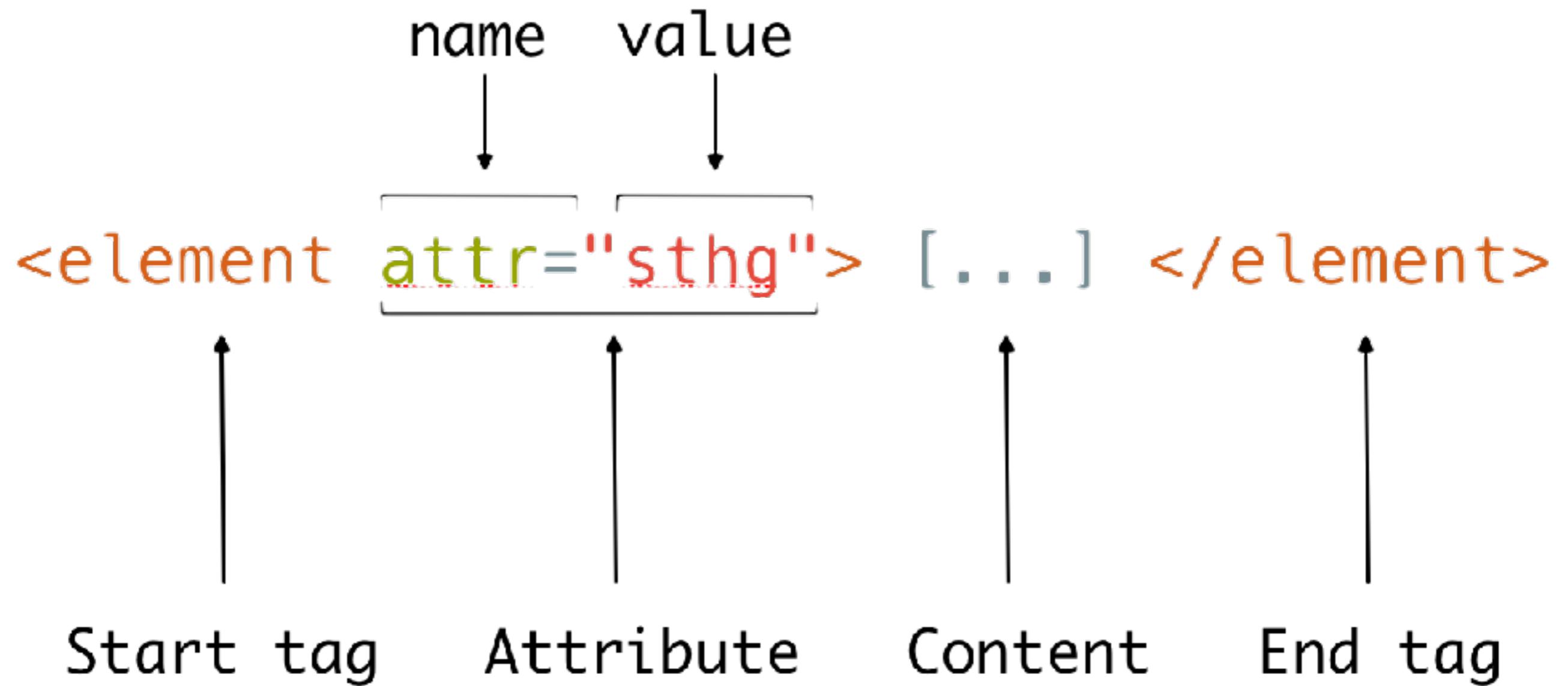


Le Wagon - The French innovative coding school

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](http://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

```

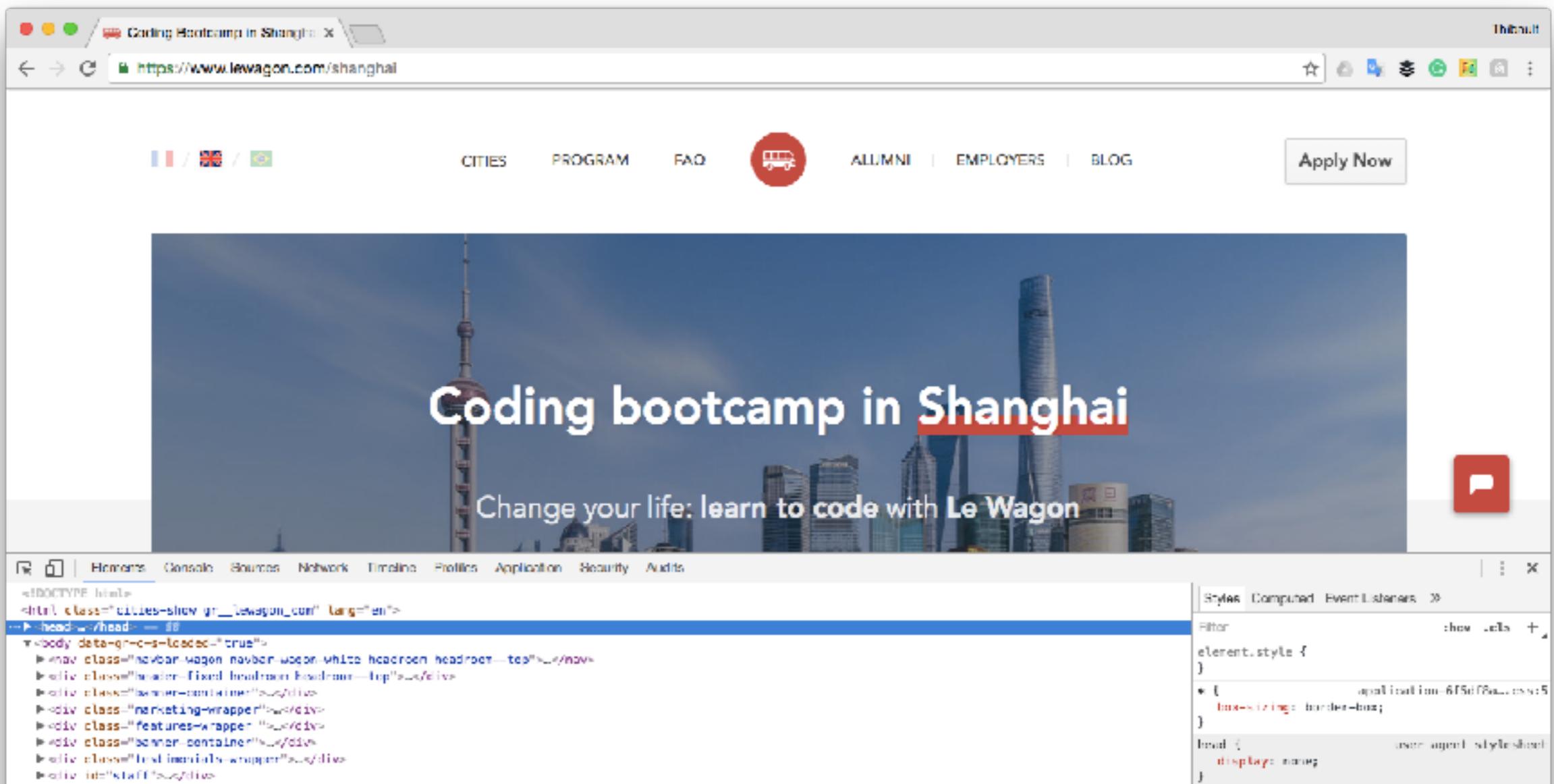
```

Action 2.

Let's add HTML content now.

# CSS

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



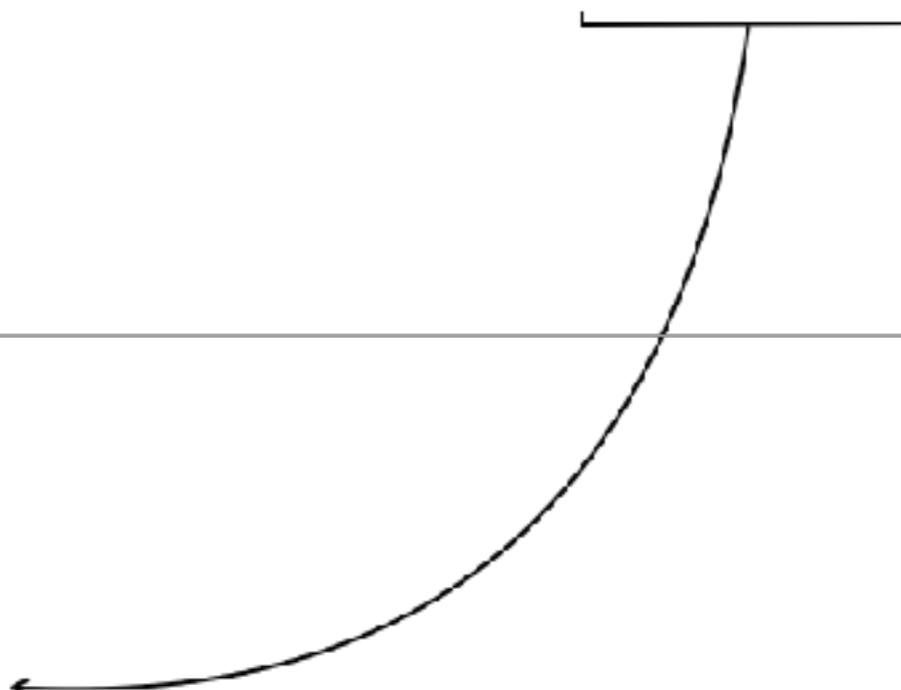
# Linking stylesheets

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 }
```



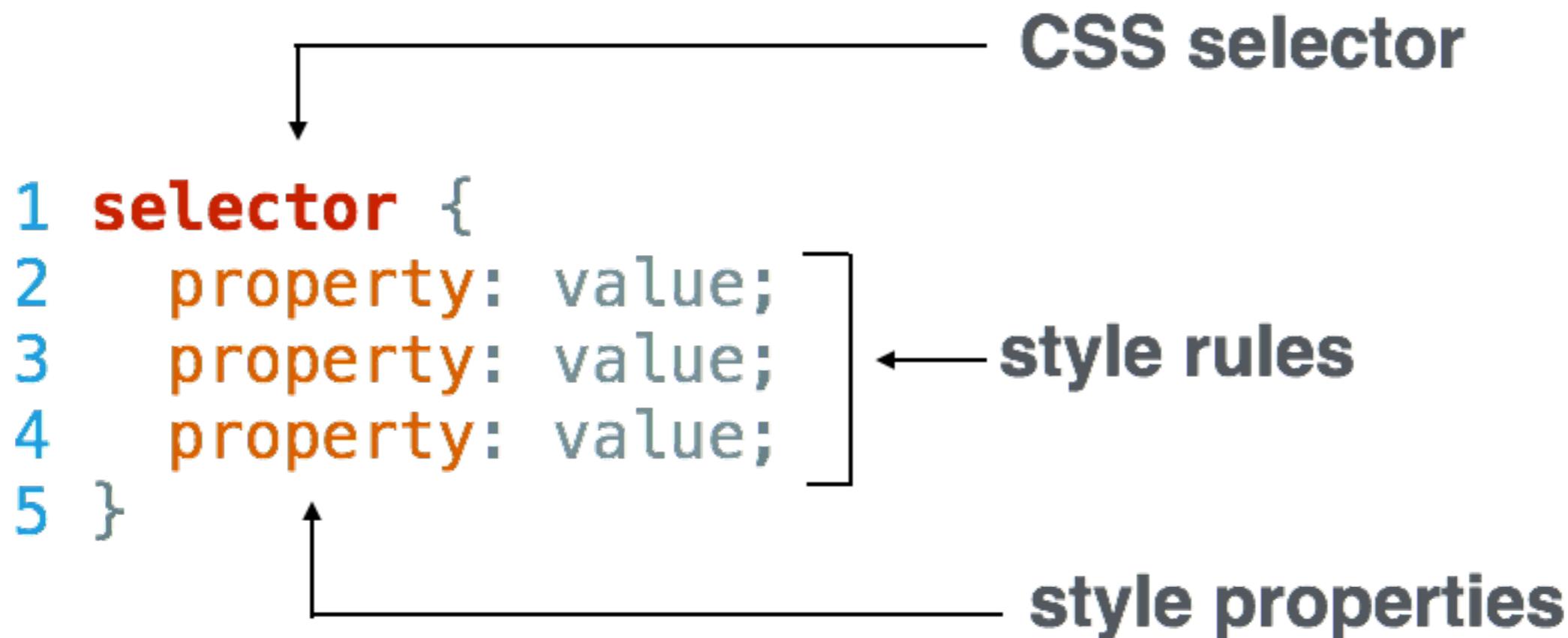
# CSS syntax

```
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 color

ab

**color:** green;

font-family  
font-size  
line-height  
font-weight  
letter-spacing  
**color**  
text-decoration  
text-align  
font-style  
text-transform

# Font decoration

ab

**text-decoration:** underline;

font-family  
font-size  
line-height  
font-weight  
letter-spacing  
color  
**text-decoration**  
text-align  
font-style  
text-transform

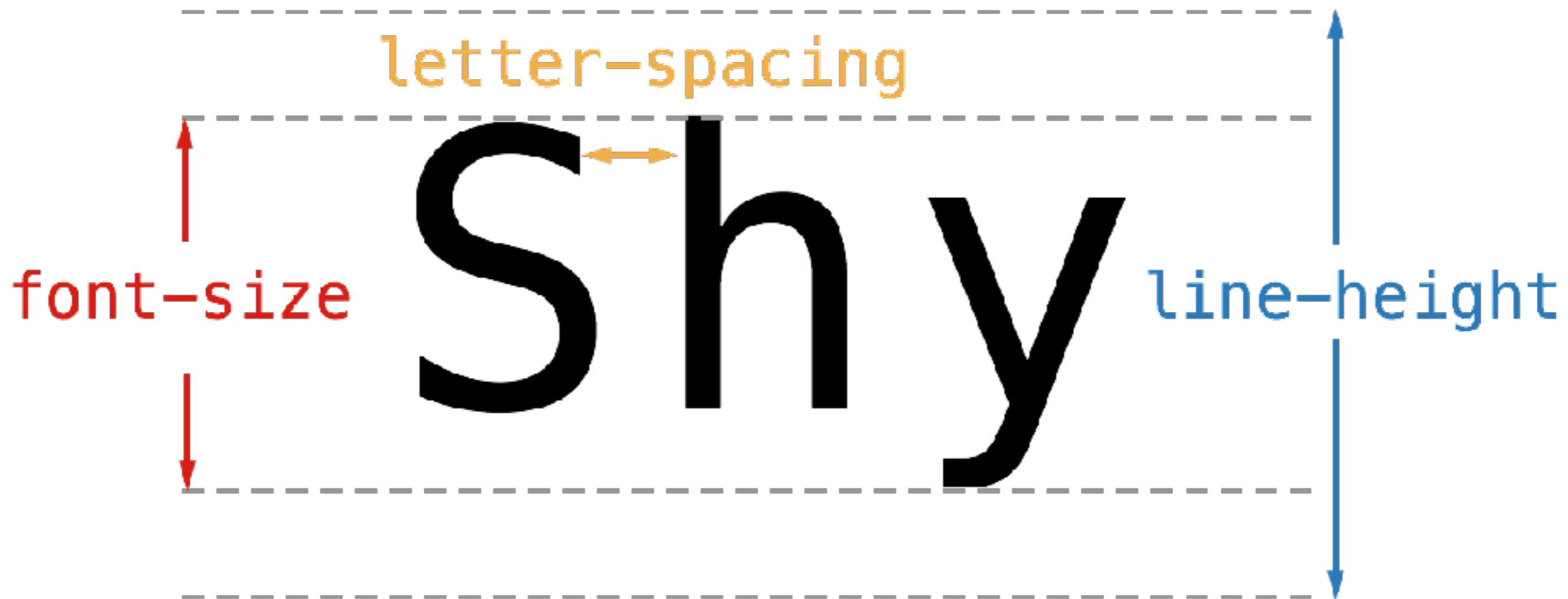
# Font alignment

this is a  
paragraph  
centered with **text-align**

**text-align:** center;

font-family  
font-size  
line-height  
font-weight  
letter-spacing  
color  
text-decoration  
**text-align**  
font-style  
text-transform

# Font size & spacing



# Font weight

Helvetica Neue 25 Ultra Light

Helvetica Neue 35 Thin

Helvetica Neue 45 Light

Helvetica Neue 55 Roman

Helvetica Neue 65 Medium

**Helvetica Neue 75 Bold**

**Helvetica Neue 85 Heavy**

**Helvetica Neue 95 Black**

# Action 3.

## CSS for Fonts & Colors

# Div & Box model

Real-life...

The screenshot shows the Airbnb website interface. At the top left is the Airbnb logo and a search bar containing "Paris". To the right are user profile icons for "Boris" and "AIDE", and a yellow button labeled "PUBLIEZ VOTRE ANNONCE".

The main content area features a map of the Paris region with numerous pink location pins. Below the map are several listing cards:

- Chambre d'étudiant, vue tour eiffel**: Logement entier, Tour Eiffel - Champ de Mars, ...  
36€ Par nuit
- Very COOL flat // Heart of Paris.**: Logement entier, Invalides - Ecole Militaire, Paris  
160€ Par nuit
- 2 connexions sociales**: A listing card showing a living room interior with a sofa and red chairs.
- A partial listing card on the right showing a room with a guitar hanging on the wall.

# Div & Box model

...is made of div

The image displays two screenshots of the Airbnb website. The left screenshot shows a map of the Paris region with numerous listing pins. The right screenshot shows a grid of three Airbnb listing cards:

- Chambre d'étudiant, vue tour eiffel**  
Logement entier  
Tour Eiffel - Champ de Mars, Paris  
36€ Par nuit
- Very COOL flat // Heart of Paris.**  
Logement entier  
Invalides - Ecole Militaire, Paris  
160€ Par nuit
- (Partially visible listing)

# Div & Box model



**Thibault Genaitay**

Driver @Le Wagon Shanghai

On a mission to bring tech skills to creative entrepreneurs.  
one bootcamp at a time.

[Get involved](#)

**Favorite apps**

**Sketch app**

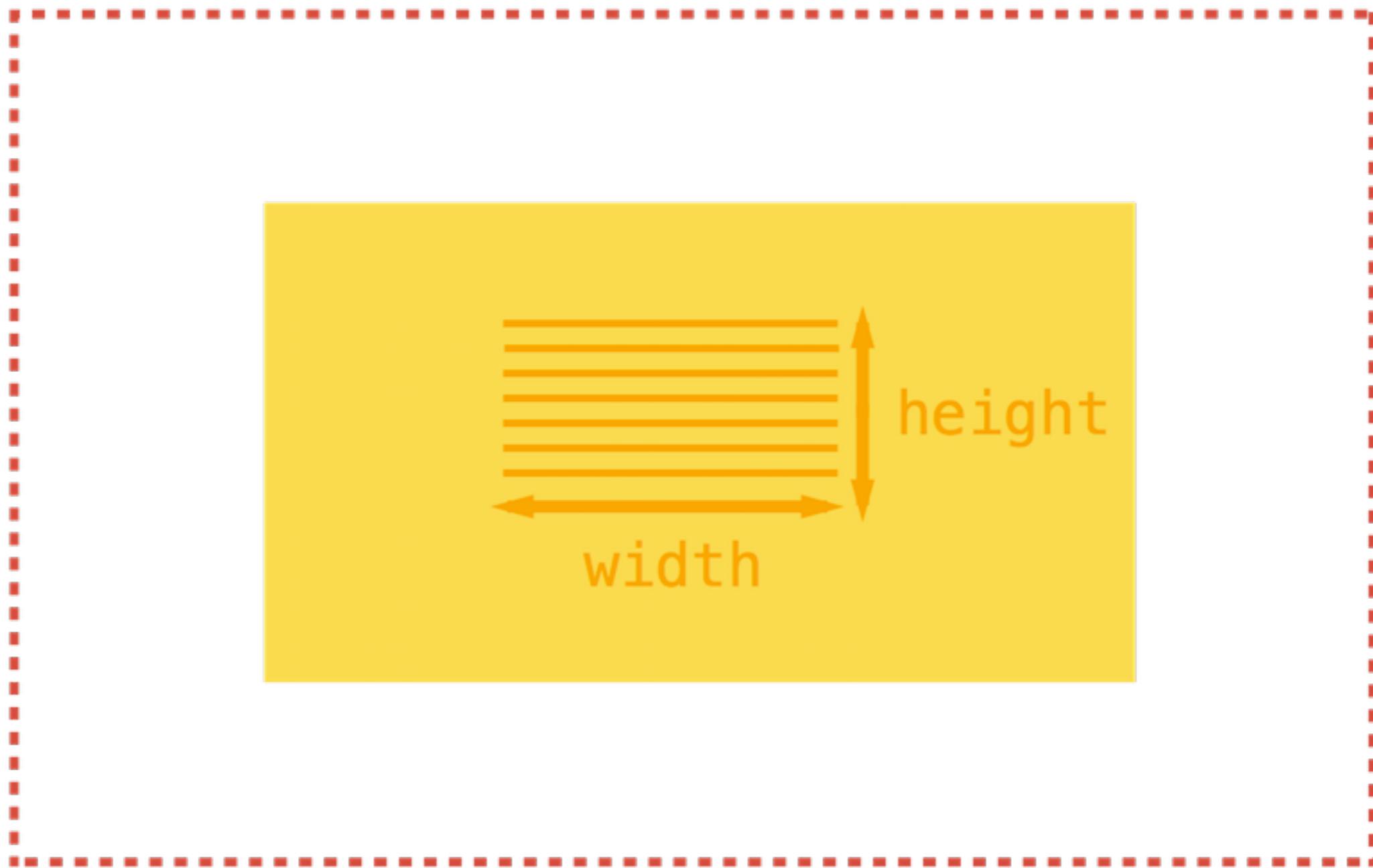
Forget about Photoshop: Sketch gives you the power, flexibility and speed you always wanted in a lightweight and easy-to-use design app. Finally you can focus on what you do best: Design.



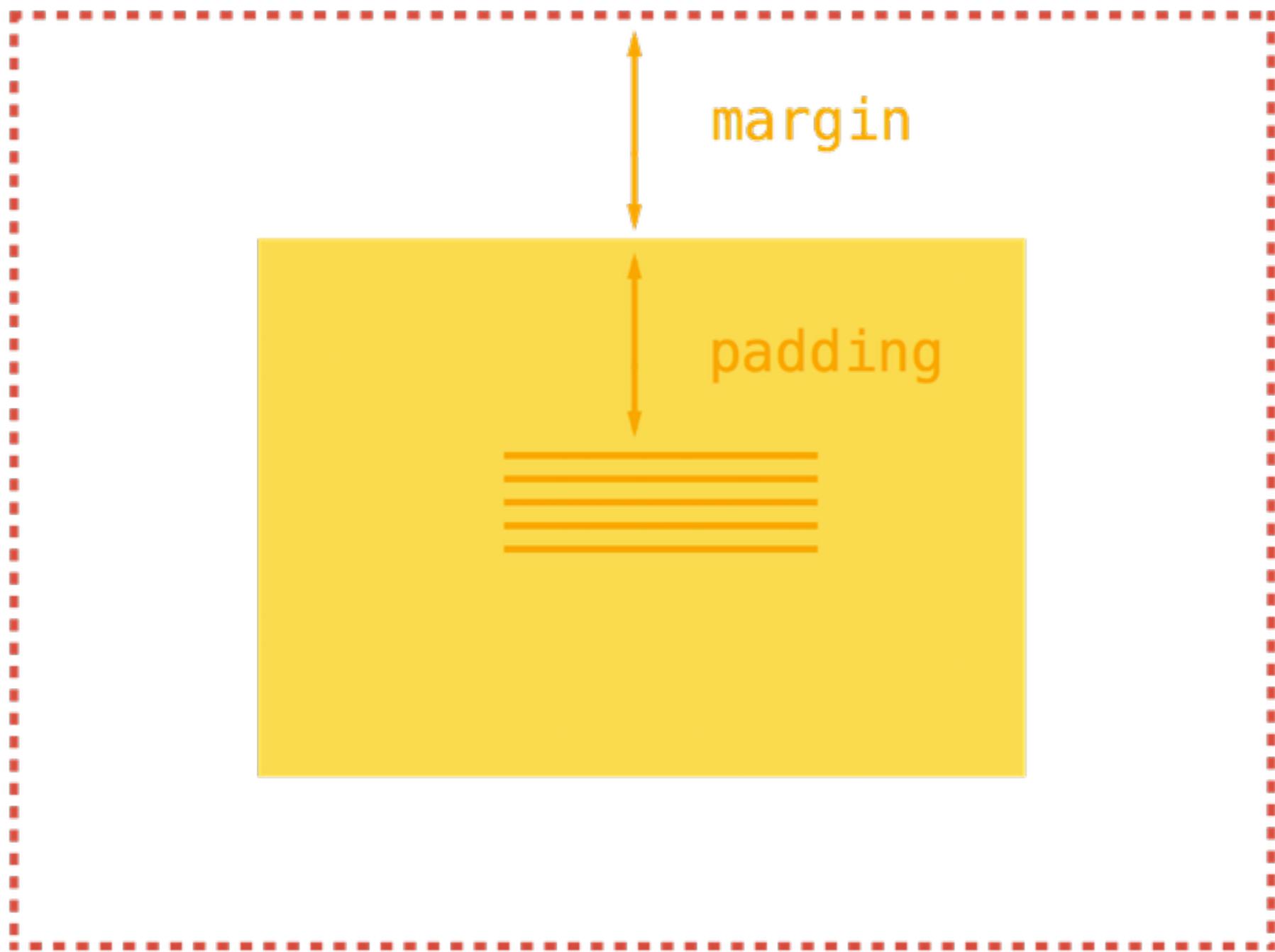
Action 4.

Wrap with 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;`

**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>
```

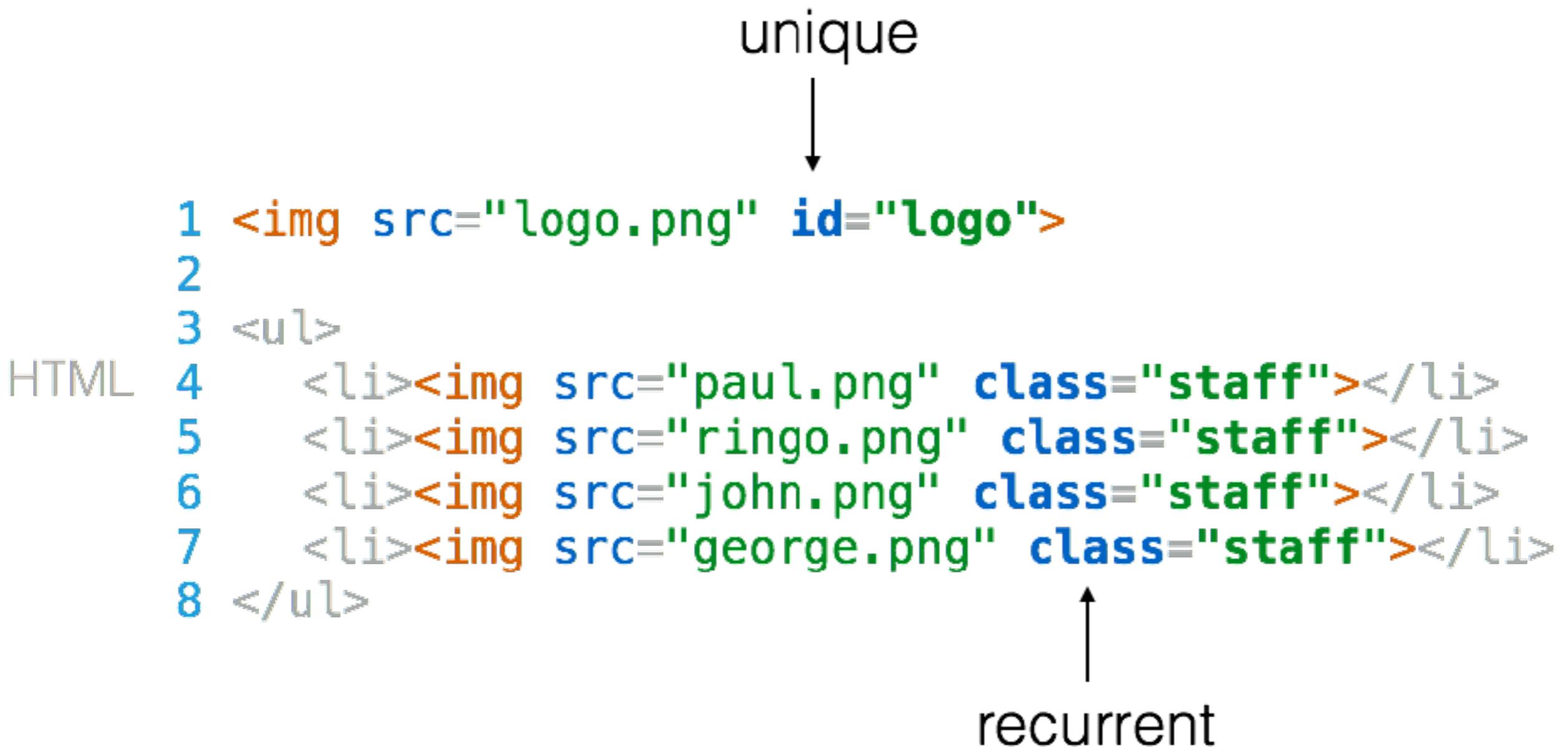
# how do you style staff pictures only?

```
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**

# Go further



# Shanghai



February 2017

May 2017

July 2017

[lewagon.com/shanghai](http://lewagon.com/shanghai)

**Thank you!**

