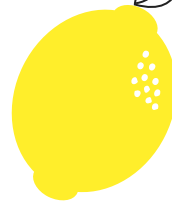




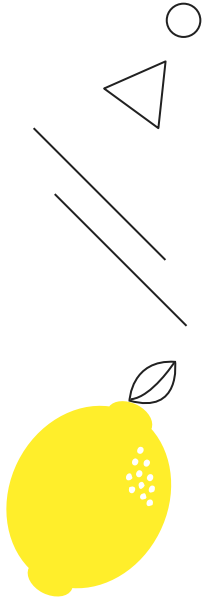
WEBSITE DESIGN

Static Single Page app and hosting in Github pages



What is HTML?

- HTML stands for Hyper Text Markup Language
- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page
- HTML consists of a series of elements
- HTML elements tell the browser how to display the content



HTML Page Structure

`<!DOCTYPE html>` ← Tells version of HTML

`<html>` ← HTML Root Element

`<head>` ← Used to contain page HTML metadata

`<title>Page Title</title>` ← Title of HTML page

`</head>`

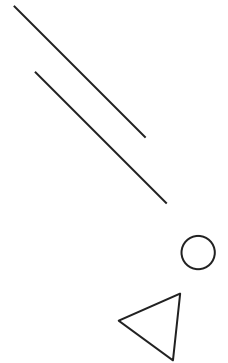
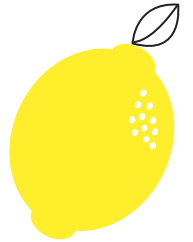
`<body>` ← Hold content of HTML

`<h2>Heading Content</h2>` ← HTML heading tag

`<p>Paragraph Content</p>` ← HTML paragraph tag

`</body>`

`</html>`



EXPLORER

...

blog.html

index.html M X

OPEN EDITORS

blog.html

X index.html M

REPOSITORY

blog.html

★ favicon.ico U

favicon.png U

index.html M

index.html > html > body

1

<!DOCTYPE html>

2

<html lang="en">

3

<head>

4

<meta charset="UTF-8" />

5

<meta http-equiv="X-UA-Compatible" content="IE=edge" />

6

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

7

<!-- First: Change the title -->

8

<title>My website title</title>

9

<!-- Second: Change the favicon -->

10

<link rel="icon" type="image/png" href="favicon.png" />

11

<!-- Third: Import bootstrap -->

12

<link

13

href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css"

14

rel="stylesheet"

15

integrity="sha384-KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJ0Z"

16

crossorigin="anonymous"

17

/>

18

</head>

19

20

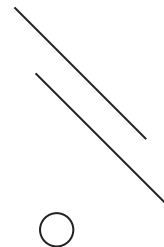
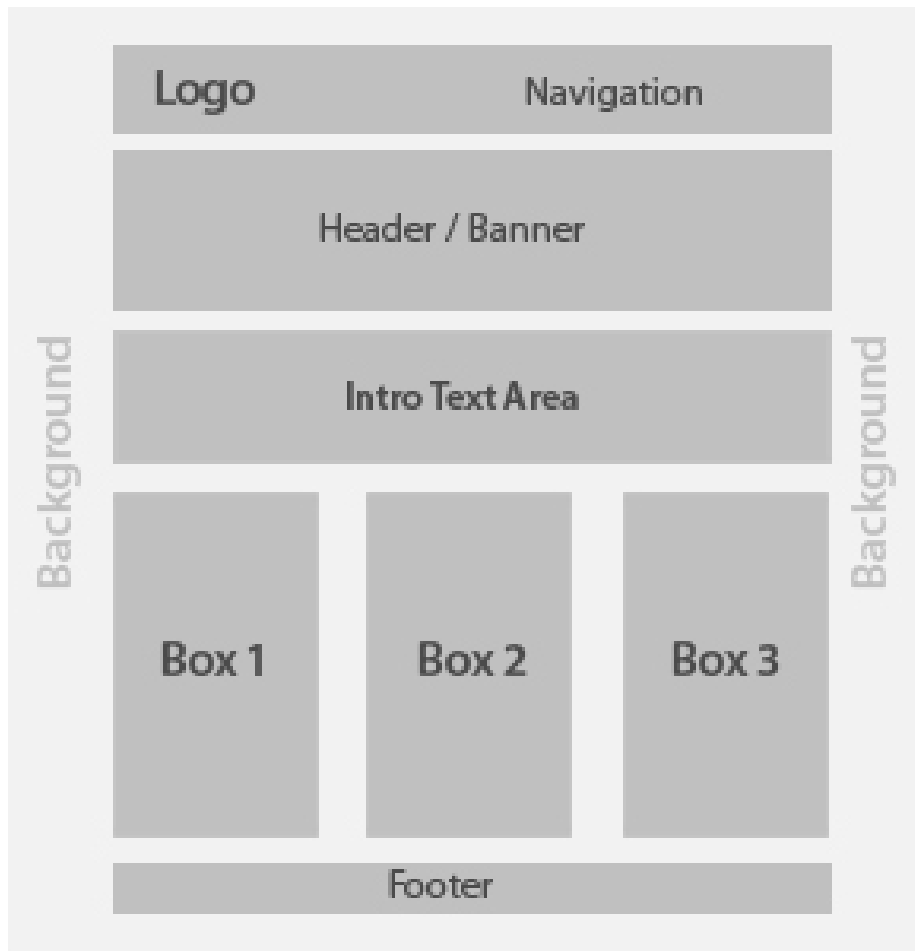
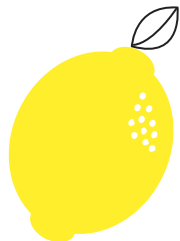
<body></body>

21

</html>

22

Body



Html elements

Headings and paragraphs

```
<!DOCTYPE html>
<html>
<body>

<h1>This is a heading</h1>
<h3>This is another heading</h3>
<p>This is a paragraph.</p>
<p>This is another paragraph.
</p>

</body>
</html>
```

This is a heading

This is another heading

This is a paragraph.

This is another paragraph.

Images

```
<!DOCTYPE html>
<html>
<body>

<h2>HTML Images</h2>
<p>HTML images are defined with
the img tag:</p>



</body>
</html>
```

HTML Images

HTML images are defined with the img tag:



Links

```
<!DOCTYPE html>
<html>
<body>

<h2>HTML Links</h2>
<p>HTML links are defined with
the a tag:</p>

<a
href="https://www.w3schools.com"
>This is a link</a>

</body>
</html>
```

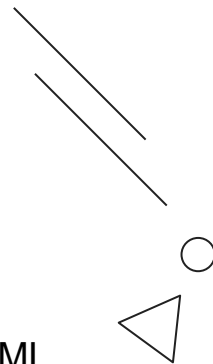
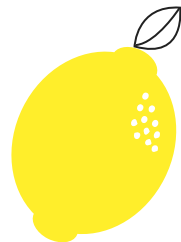
HTML Links

HTML links are defined with the a tag:

[This is a link](#)

I left you a cheatsheet with the most used HTML elements in the repository:

https://github.com/phdgiss/Webpage_workshop



Html elements: Div

-Containers for other elements.

-You can use them with or without attributes: Style, class, id

Guides:

-Bootstrap documentation:

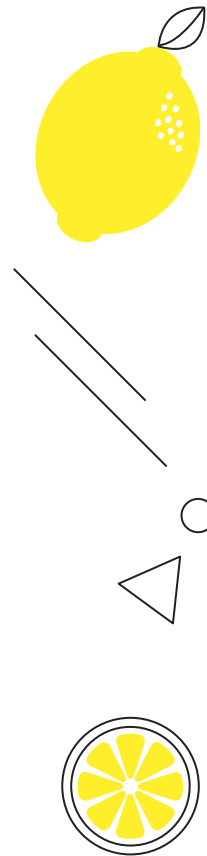
<https://getbootstrap.com/docs/5.3/layout/grid/>

<https://getbootstrap.com/docs/5.3/utilities/background/>

<https://getbootstrap.com/docs/5.3/utilities/position/>



CSS classes!!!
CSS: Cascading
style sheets



Layout

```
<body>
  <!-- Navigation starts -->
  <!-- Navigation ends -->

  <!-- Introduction starts -->
  <div id="about"></div>
  <!-- Introduction ends -->

  <!-- Experience starts -->
  <div id="experience"></div>
  <!-- Experience ends -->

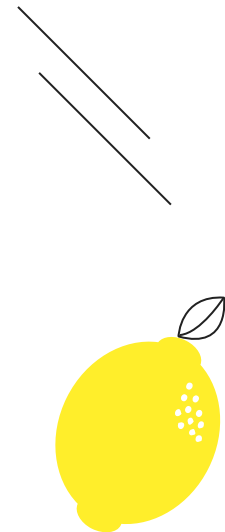
  <!-- Education starts -->
  <div id="education"></div>
  <!-- Education ends -->

  <!-- Skills start-->
  <div id="skills"></div>
  <!-- Skills end -->

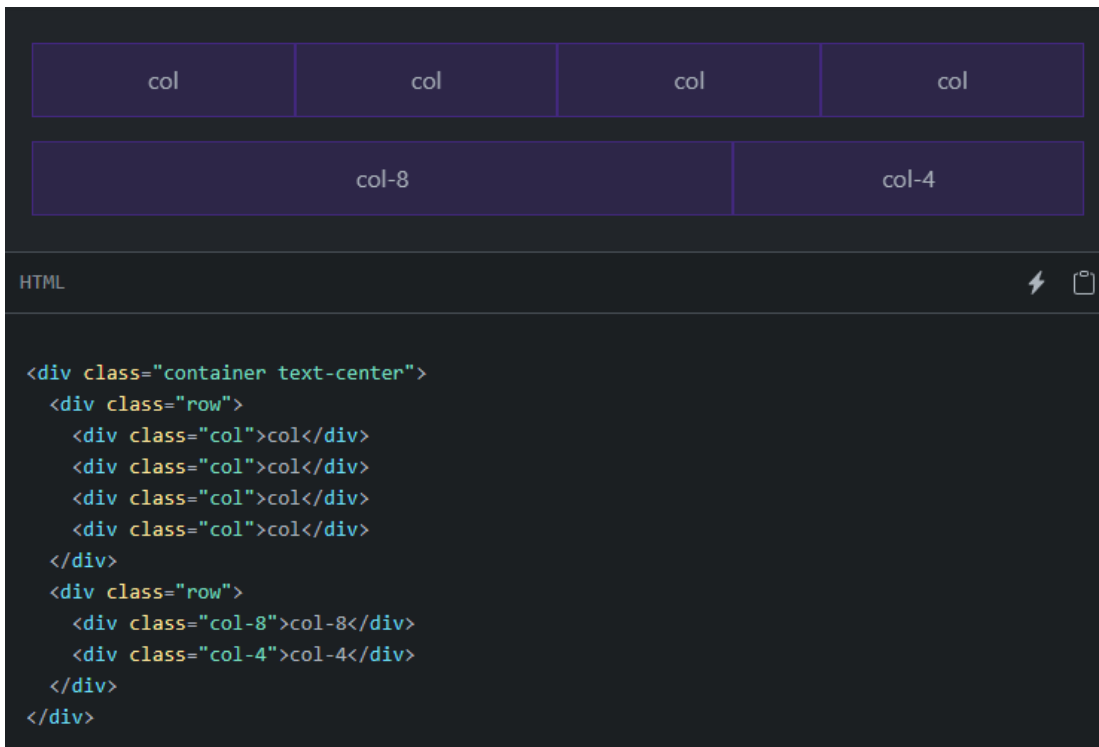
  <!-- Contact starts -->
  <div id="contact"></div>
  <!-- Contact ends -->
</body>
```

Your best friends: The Divs!

<https://getbootstrap.com/docs/5.3/layout/grid/>



Grid system



<https://getbootstrap.com/docs/5.3/layout/grid/>

My recommendation:

Start with a template!

```
<!-- Introduction starts -->
<div class="bg-primary bg-gradient text-white py-5" id="about">
  <div class="container">
    <div class="row">
      <div class="col-md-3 text-left text-md-center mb-3">
        
      </div>
      <div class="col-md-9">
        <h1>Laura Collins</h1>
        <h5>Freelance Web Developer</h5>
        <p class="border-top pt-3">
          Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed odio
          lacus, sollicitudin in dolor at, consequat volutpat ante. Integer
          quis consequat turpis, quis porta orci. Proin tincidunt volutpat
          faucibus. Suspendisse ac nisl purus suspendisse eleifend interdum
          orci non pharetra.
        </p>
      </div>
    </div>
  </div>
</div>
<!-- Introduction ends -->
```

<https://getbootstrap.com/docs/5.3/utilities/background/>

.bg-primary

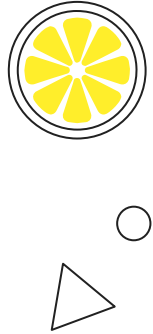
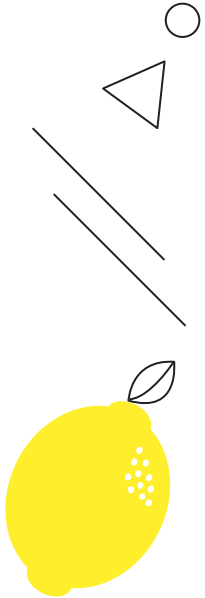
Spacing:

py-5: Padding of 5 spaces vertically

<https://w3collective.com/html-resume-bootstrap/>

More templates

- [30+ Perfect HTML Resume Templates \(Free Code + Demos\) \(devsnap.me\)](#)
- [Develop a single page HTML resume using Bootstrap 5 - w3collective](#)
- [HTML Tutorial \(w3schools.com\)](#)
- [Sample Resume \(codepen.io\)](#)
- [Responsive Resume Template \(codepen.io\)](#)
- [afnizarnur/draco: Draco is a free PSD & HTML resume template \(github.com\)](#)
- [Resume \(codepen.io\)](#)





THANKS!



Navigation bar

<https://getbootstrap.com/docs/5.3/components/navbar/#placement>



Resume webpage

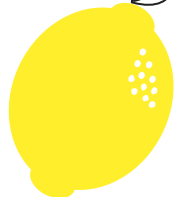
About me

Experience

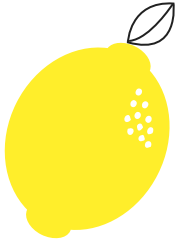
Skills

Blog

Contact



Body



HTML PAGE STRUCTURE

