



Lesson 1: HTML BASICS

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Full-Stack Developer, Plattar

Who am I?

- Background in psychology, fashion & business development
- Self-taught 8 years ago from a BOOK!
- Realised that I loved it
- Used to work for GA, then became a "digital nomad" (sorry)
- Full-Stack Developer for Plattar building Augmented Reality apps

Where's our T.A.?!

- Georgie is in New York this week because she's cooler than me
- Runs her own womenswear label
- Loved the GA FEWD course, decided to become a developer!

Who are you?

Let's start by introducing yourself to the person next to you:

1. Your name
2. What you do for work
3. Why you're here
4. Your nerdy guilty pleasure

Housekeeping

- No phone use in class, switch to airplane mode
- 15 minute break at 7:20pm
- Finish at 9pm
- Start at 6pm. Be on time!
- Come early if you have questions

Course Outline

| | | |
|------------------|-----------------------------|----------------------|
| Lesson 0 | Git and GitHub | |
| Lesson 1 | HTML Basics | HTML & CSS Basics |
| Lesson 2 | CSS Basics | |
| Lesson 3 | CSS Box Model | |
| Lesson 4 | Layout | |
| Lesson 5 | Layout Lab | |
| Lesson 6 | Layout Lab | |
| Lesson 7 | Intro to Programming | Adding Interactivity |
| Lesson 8 | jQuery Basics | |
| Lesson 9 | Conditionals | |
| Lesson 10 | Functions | |
| Lesson 11 | Card Matching Game Lab | |
| Lesson 12 | Refactoring | |
| Lesson 13 | Responsive Basics | Building in Concert |
| Lesson 14 | Responsive Lab | |
| Lesson 15 | Basic Forms | |
| Lesson 16 | Forms Lab | |
| Lesson 17 | Final Project Lab | |
| Lesson 18 | Student Choice Lesson | |
| Lesson 19 | Instructor Choice Lesson | |
| Lesson 20 | Final Project Presentations | |

Assignments & Projects

Homework: 7 assignments

- Released on Wednesdays
- Due following Monday
- Marked by subsequent Monday

1 major project

- Worked on throughout the course, and presented in the final class

Ask Questions!

- Don't be shy, just ask!
- Use Slack
- Ask your classmates
- Come to class early

Here's what you do if you need help:

1. Google it.
2. Ask the person next to you.
3. Ask Georgia.
4. Ask me.

Fist To Five:

- Closed fist - No idea what's going on, how did I get here etc
- 1 finger - I have major concerns.
- 2 fingers - I would like to discuss some minor issues.
- 3 fingers - I don't totally understand but I'm getting there.
- 4 fingers - I'm pretty close to getting it.
- 5 fingers - Makes sense!

Git and Github

- We'll be using Git for version control
- Github will be used for assignment and project submissions
- Create a free account
- Create one repository per assignment
- Create one repository for your project

Sublime Text

If you haven't downloaded it yet - download it!

This week may feel a little slow!

We're easing you into it and leveling the playing field. But there's always extra stuff you can do

Lesson 1: HTML Basics

Learning Objectives

- Apply and experiment with basic HTML tags
- Use markup to describe document content
- Create and link an external stylesheet

Agenda

- HTML Tags Review
- Code-Along: Adding Structure to a Web Page
- Code-Along: External Style Sheets
- Lab: Nanna's Cookies!

HTML Tags & CSS Selectors Review

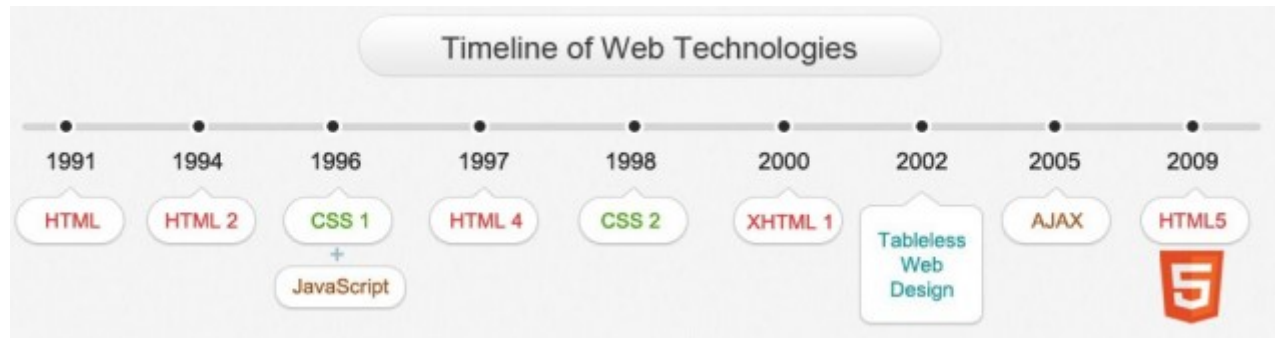
Let's step backward first

DOCTYPE

The Doctype tells our browser what document standard to expect. We want to use HTML5.

```
<!DOCTYPE html>
```

HTML HISTORY



HTML Syntax



HTML Syntax



HTML Tag

```
<html>...</html>
```

Head Tags

```
<head>...</head>
```

Head Tags

Title Element

```
<title>My super amazing website</title>
```

Content Tags

Body Element

```
<body> ... </body>
```

Content Tags

Heading Elements

`<h1>` Largest Heading `</h1>`

`<h2>` `</h2>`

`<h3>` `</h3>`

`<h4>` `</h4>`

`<h5>` `</h5>`

`<h6>` Smallest Heading `</h6>`

Content Tags

Text Elements

`<p>` This is a paragraph `</p>`

Content Tags

Unordered list

```
<ul> </ul>
```

Content Tags

Unordered list item

```
<li>First item</li>
```

```
<li>Next item</li>
```

Content Tags

Links

```
<a href="http://url.com">External link</a>
```

```
<a href="anotherPage.html">Local link</a>
```

Indent your code!

Future you will thank you for it

```
<body>
<div class="reveal">
  <div class="slides">
    <section data-markdown="GA-FEWD/Week_01_Basics/01_html_basics
    /slides.md"
      data-separator="____"
      data-separator-notes="^Note:"
      data-charset="iso-8859-15">
    </section>
  </div>
</div>
<script src="lib/js/head.min.js"></script>
<script src="js/reveal.js"></script>
</body>
```

```
<body>
  <div class="reveal">
    <div class="slides">
      <section data-markdown="GA-FEWD/
      Week_01_Basics/01_html_basics/slides.md"
        data-separator="____"
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      </section>
    </div>
  </div>

  <script src="lib/js/head.min.js"></script>
  <script src="js/reveal.js"></script>
</body>
```



General Assembly Press Release

External Style Sheets



Cookie Recipe

Next time

CSS Basics

Before Next Class

Homework

Complete Cookie Recipe lab if not done
Commit lab work to Github

Pre-Work

Reading: CSS Colours and Fonts

Project

Think about (or decide) what you'd like to do for your project

