WELCOME TO

GENERAL ASSEMBLY

INTRODUCTIONS

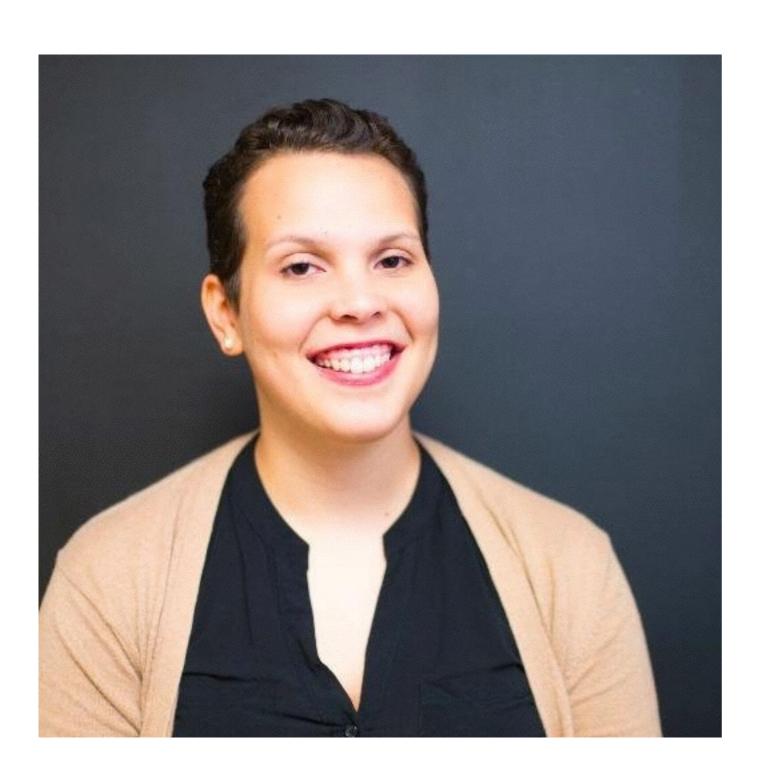Let's get to know each other a bit....

HELLO

My Name is Caitlin Daitch
Role: Teaching Assistant

- Graduate of FEWD 15

- Decided to switch careers and take GA's Web Development Immersive program

- Now a Front-end Developer at fundrise.com

FUNDRISE

HELLO

My Name is Erica Irving
Role: Teaching Assistant

- Graduate of and former Developer-in-Residence for GA's Web Development Immersive

- Now a Front-end Developer at The Washington Post

wp
ENGINEERING

HELLO

My Name is John Serrao, Role: Instructor

- 12 years of experience, CTO @ Daocloud + Lead Dev @ THOR

- Expert in Front-end Development, User Experience and Product Management

- The kinds of things I do:

DaoCloud

LTK

FTC.gov

White House Petitions

FEWD AGENDA

- Understand HTML and HTML5 semantics
- CSS styling and CSS layouts
- JavaScript and jQuery fundamentals
- Ability to think like a programmer
- Understanding of digital landscape
- Successfully build your own website

TOOLING FOR FEWD

REQUIRED TOOLS

- Slack, for communication

- Github Desktop (git in general), for code revisions

- Sublime Text, for text editing

- Chrome, browser and dev tools for debugging

RECOMMENDED TOOLS

- Codepen, for coding quick mockups

- Dashlane, for password management

- Trello, for task management

RESOURCES

- Stack Overflow, for coding questions

- MDN, for standards reference

- CSS-Tricks.com, for CSS/HTML questions

- CanIUse.com, for browser compatibility checks

HTML
Structure for Web Pages

Most People Think HTML Is
CODE

```
C040:  C0  4C  2B  C0  AD  00  DC  C9  8D      C210:  69  00  8D  FD  C1  CA  D0  DE  41
C048:  6F  D0  E0  AD  83  C1  C9  05  2B      C218:  60  AD  FD  C8  D0  1E  EE  F9  C4
C050:  F0  D9  EE  83  C1  A9  01  8D  87      C220:  C8  AD  F9  C8  C9  08  D0  14  10
C058:  FD  C8  AE  83  C1  BD  69  C1  FB      C228:  A9  00  8D  F9  C8  EE  FF  07  18
C060:  AA  A9  BA  9D  00  D0  A9  86  0E      C230:  AD  FF  07  C9  E3  D0  05  A9  12
C068:  9D  01  D0  A9  E3  8D  FF  07  F9      C238:  E0  8D  FF  07  AD  19  D0  29  6E
C070:  AE  83  C1  AD  15  D0  5D  6F  C4      C240:  01  F0  42  8D  19  D0  20  2C  38
C078:  C1  8D  15  D0  A9  01  8D  FC  E2      C248:  C1  CE  16  D0  AD  16  D0  C9  1E
C080:  C8  9D  75  C1  4C  2B  C0  A2  F8      C250:  D0  D0  2F  EE  F9  C1  AD  F9  73
C088:  00  BD  CF  C4  9D  83  06  A9  AB      C258:  C1  C9  D8  D0  1A  20  AB  C1  35
C090:  01  9D  83  DA  E8  E0  21  D0  49      C260:  20  88  C2  AD  FE  C8  C9  0C  17
C098:  F0  60  60  EE  FA  C8  AD  FA  A5      C268:  90  03  EE  82  C1  A9  FF  8D  66
C0A0:  C8  C9  02  D0  F5  A9  00  8D  33      C270:  83  C1  A9  00  8D  F9  C1  20  C8
C0A8:  FA  C8  AD  FC  C8  F0  25  AE  A4      C278:  E5  C1  20  2C  C1  A9  D7  8D  3D
C0B0:  83  C1  BD  69  C1  AA  DE  01  69      C280:  16  D0  4C  BC  FE  4C  31  EA  D7
C0B8:  D0  FE  00  D0  FE  00  D0  EE  18      C288:  A2  00  BD  75  C1  D0  03  20  14
C0C0:  FB  C8  AD  FB  C8  C9  06  D0  98      C290:  94  C1  E8  E0  06  D0  F3  A2  1E
```

WRONG

It's just a structural skeleton

HTML BASICS

```html
<!DOCTYPE html>
<html>
 <head>
  <title>GA</title>
 </head>
 <body>
  <p>Hey GA!</p>
 </body>
</html>
```
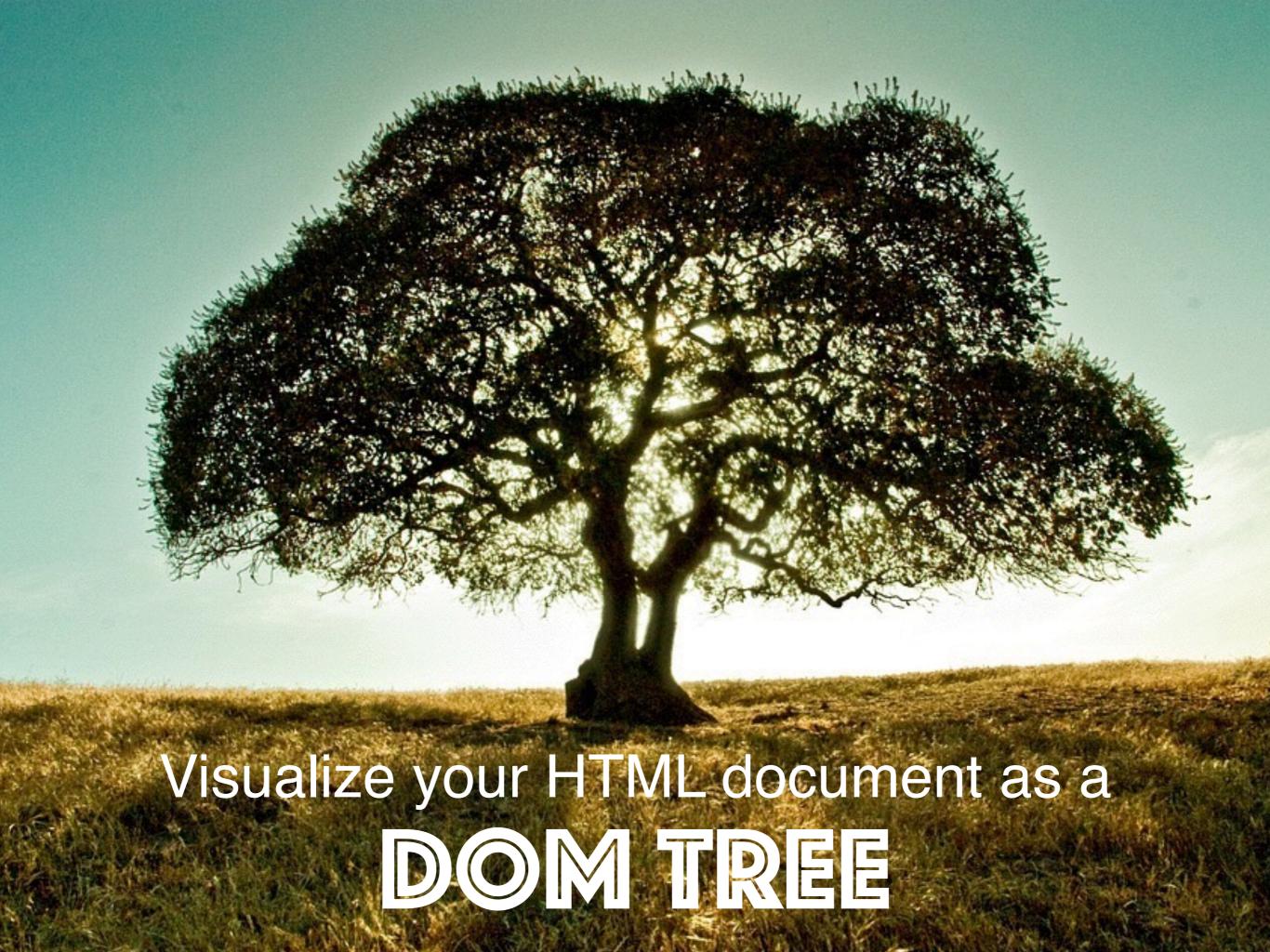
`<html>` tag ALWAYS encloses the entire document

`<head>` and `<body>` tags are where page content go. The `<head>` contains what machines see, `<body>` is what people see.

The doctype for all HTML documents is the same: `<!DOCTYPE html>`. It is ALWAYS the first item on a page.

TRY IT OUT

Let's pair up and make this page!

Visualize your HTML document as a
DOM TREE

ANATOMY OF HTML

Regular Tags

`<p>Hello GA</p>`

Opening Tag | Content | Closing Tag

Self Closing Tags (Void Tags)

`<img src="picture.jpg" />`
`<img src="picture.jpg" alt="A picture">`

Tag | Attribute

WHAT ARE YOUR FAVORITE SITES?

Write down 3 tags from
one of your favorite sites

BODY TAGS

```
<h1>Top-level Heading</h1>
<h2>Secondary Heading</h2>
```
Heading tags

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

```
<ul class="small-list">
  <li>List item</li>
</ul>
```
Unordered list with list item

```
<a href="https://google.com">Searchville</a>
```
Hyperlink

```
<img src="styles/main.css">
```
Creates link from webpage to stylesheet

HEAD IN-DEPTH

```
<meta charset="utf-8">
```
Sets page character set. UTF-8 is the international standard.

```
<meta name="description" content="Keywords here">
```
Sets page description. Put keywords into content attribute.

```
<meta name="viewport" content="width=device-width,
initial-scale=1">
```
Makes sure page render to width of device that views it (mobile, laptop, etc.)

```
<title>Page title</title>
```
Renders the title of the page in browser tab

```
<link rel="stylesheet" href="styles/main.css">
```
Creates link from webpage to stylesheet

LAB TIME

FOR NEXT TIME

HW Assignment
Office Hours
Slack Availability