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 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>
```
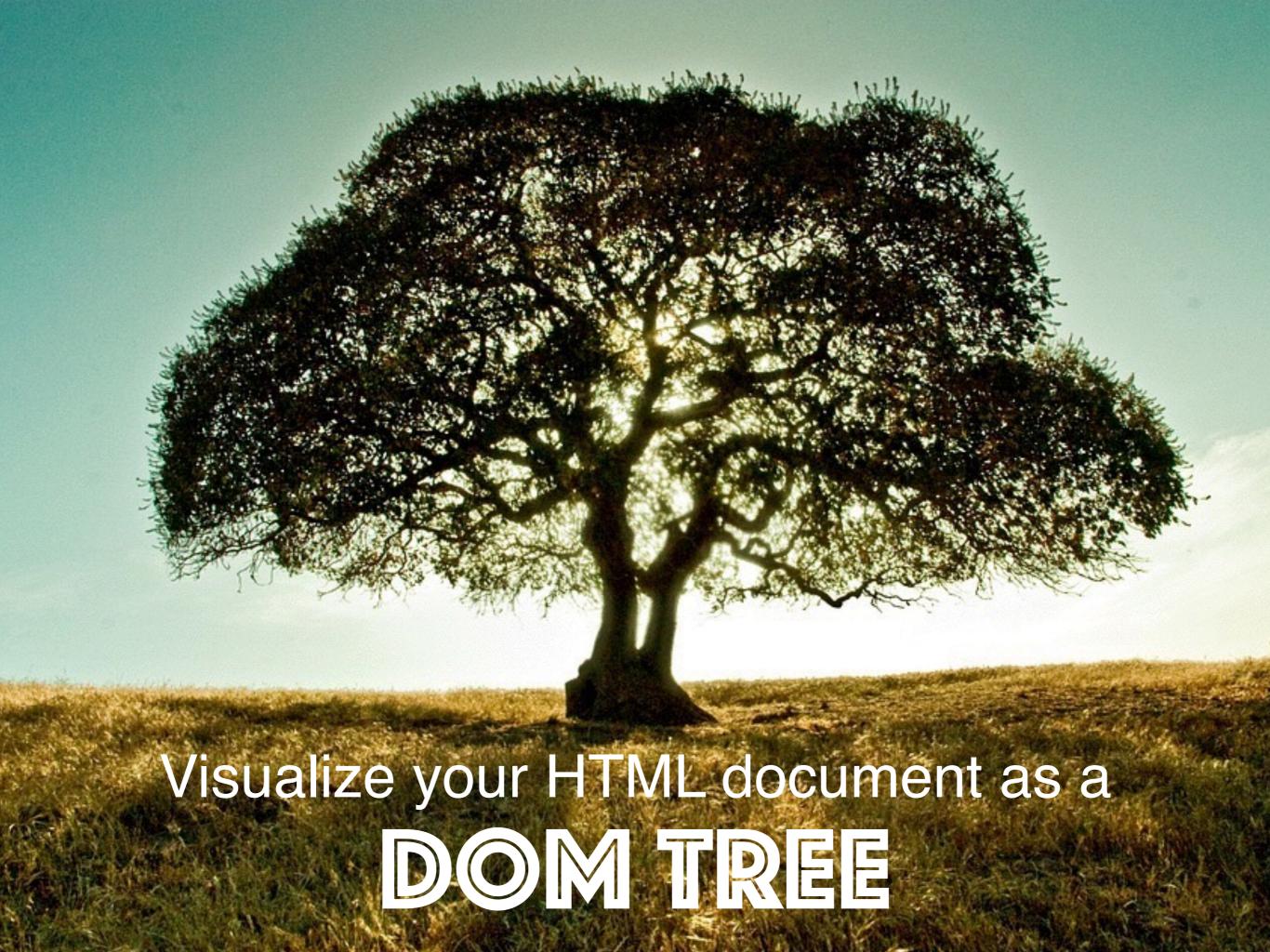
`<html>` tag ALWAYS encloses the entire document

`<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!

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