

# **WELCOME TO**



## **GENERAL ASSEMBLY**

# INTRODUCTIONS

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



# HELLO



Emilia Kubo  
Kirschenbaum

- Role: Teaching assistant and instructor at GA
- Senior Technical Manager at CHIEF



# 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



# 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

```
<!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)

``  
``

![A picture](picture.jpg)

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

# BODY TAGS

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

Unordered list with list item

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

Hyperlink

```

```

Creates link from webpage to stylesheet

# HEAD IN-DEPTH

```
<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

Finish Doodle Holiday Survey