Intro to HTML + CSS

What Is HTML?

HyperText Markup Language

- Created in the 90s
- HTML 4 in 1997, XHTML in 2000, HTML5 in 2008

What Is CSS?

Cascading Style Sheets

- Gives web content style

Folder Structure

First Step:

- Create a folder
- Keep all the files for your site in the same directory / folder
- HTML files, CSS files, Images, Scripts

Index.html

- Try out "html" + tab
- What do you see?
- What is the <head>? What about <body>?
- Let's link some stylesheets and script files!

HTML Element

- HTML element is an individual component of html
- Heading, paragraph, table, list, div, link, image, etc.
- Has a start tag, content, and end tags
- Some standalone elements, like
 which adds a break, or which are "self-closing"

Nesting

HTML elements "nest" inside one another. The element that opens first, closes last.

Such as: lists

Some elements are "parents" to "children"

Let's practice

- A numbered (ordered) list of the best boroughs in NYC
- A bulleted (unordered) list of your favorite travel destinations
- A link that, when selected, will launch an email program and send an email with subject line "Hi there!"
- Some code comments that will not show up in the browser when viewing the code
- A long quotation from the Bill of Rights, found on billofrights.org

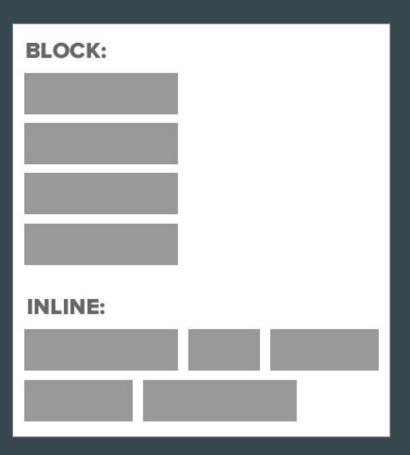
Block vs. Inline

Block elements:

Header, footer, div, tables, p

Inline elements:

a, br, img, input



Adding a link

- How would you do it?
- Can you make the link open in a new browser?

Attributes

```
This is a link to <a href="https://www.google.com/" target="_blank">Google</a>!
```

href and target are called attributes of an html tag

Attributes are invisible but they specify additional information to the given element

CSS Specificity

id vs class?

Other Tricks

Margin vs padding

Centering with margin: 0 auto

Practice

http://flexboxfroggy.com/

https://flukeout.github.io/