

Intro to HTML + CSS

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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

BLOCK:



INLINE:



Adding a link

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

Attributes

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

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/>