Today

- Review
- CSS
- Selectors
- Inheritance
- Border, Margin, Padding

Git

`git init` - initialize a repo

`git status` - edited files

`git diff` - changes in the files

`git log` - prior (committed) changes

Commit + Push

```
git status
git add *
git commit -m 'first commit'
git push origin master
```

Essential HTML

Language, Viewport, Charset

```
<!doctype html>
<html lang='en-US'>
<head>

  <meta charset='UTF-8'>
  <meta name="viewport"
        content="width=device-width, initial-scale=1.0">
  <title>descriptive and concise</title>
</head>
<body>
  <h1>Hi header ↗</h1>
  <p>Some text.</p>
</body>
</html>
```

Semantic Tags

```
header: <header>
navigation bar: <nav>

main content (unique to the page, use once): <main>.
subsections: <article>, <section>
sidebar: <aside>; often placed inside <main>
footer: <footer>
```

Also text semantics

HW Questions?

Today

- ~~Review~~
- CSS
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- Inheritance
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History

1994 - Introduced

1996 - CSS1

1998 - CSS2

2012/Now - CSS3-4ish Modules

Module Statuses

- Backgrounds & Borders
- Color

CSS Zen Garden

One line changes it all

Get rid of burger.com font tags all over

Stylesheets

- Contain CSS rules
- .css

How to include?

<link> tags

@import

What kinds of elements are styled?

Replaced +

Nonreplaced

img & input vs. everything else

Content from elsewhere?

Block + Inline

p vs. a

Default display value block or inline.

Inline

- Size to content
- Do not break flow
- Cannot contain block
- Often replaced

Block

- Fills Parent
- Breaks before and after
- Can contain inline
- Not often replaced

CSS Rule

Selector + Declaration

h1 { color: red; font-size: 15px }

Element Selector

```
h1 {
    color: red;
}
```

Many elements

```css
h1, h2, h3 {
    color: red;
}
```

Element + attribute

```
h1[onmouseenter] {
    color: red;
}
```

By class

```
<h2 class="header--green">


.header--green {
    color: green;
}
```

By element + class

```
<h2 class="header--green">

h2.header--green {
    color: green;
}
```

Multiple classes

```
<h2 class="one two">


.one .two {
    color: green;
}
```

By unique id

```
<h2 id="title">


#title {
    color: green;
}
```

By element and id

```
<h2 id="title">


h2#title {
    color: green;
}
```

By ancestry

```
<div id="outer">
    <div id="middle">
        <div id="inner">

div div div {
    color: green;
```

By ancestry (skip)

```
<div id="outer">
    <div id="middle">
        <div id="inner">


#outer div {
    color: green;
```

.article section.abstract p

Find an element with a class of *article*,
find its children *section elements with 'abstract'* class
and then find all *p children* of that.

Specificity + Inheritance

Both used to determine which styles to apply

Specificity

0,0,0,0

Inline

1,0,0,0

Id

0,1,0,0

Class, Attribute

0,0,1,0

Element

0,0,0,1

Sibling example

break out styles

!important

resolved later and together

Inheritance

color + border

Value

zero specificity

User Agent

<a> tag takes browser style over inherited

Text

weight, font, size

All together now

font: italic normal bold normal 3em/1.5 Helvetica, Arial, sans-serif;weight, font, size

Adding a font

Google fonts + font face

Tuesday: hw/02.md

Push a webpage to your GitHub Pages site

Submit repo in github classroom