CSS Basics

General Assembly

Learning Objectives

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Agenda

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A Brief Interlude...

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The Ideal Workflow
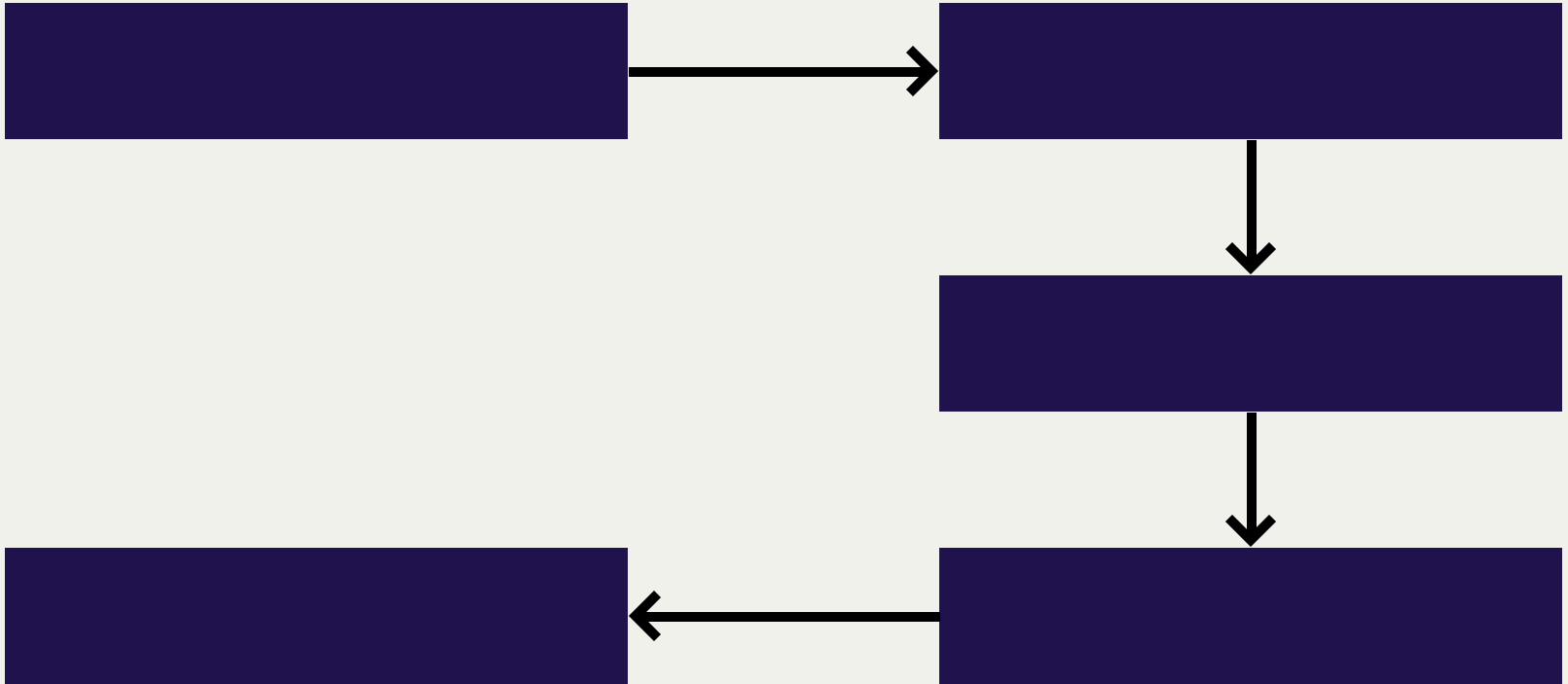
Wireframing?

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Wireframing?

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HTML Review

GENERAL ASSEMBLY

Some Questions

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Paths

Absolute Paths

Relative Paths

Paths

```html
<img src="https://fillmurray.com/200/200">
<img src="/Users/username/GeneralAssembly/absolute.png">
```

```html
<img src="relative.jpg">
<img src="images/relative.jpg">
<img src="../relative.jpg">
<img src="../assets/relative.jpg">
<img src="../../assets/relative.jpg">
```

Exercise!

Image Types

CSS

GENERAL ASSEMBLY

<u>CSS</u> - The Style (Clothes)

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```css
h1 {
  font-family: "Comic Sans";
  color: hotpink;
}

p {
  text-align: center;
}
```

CSS - The Style (Clothes)

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CSS - The Style (Clothes)

```css
selector {
  /* DECLARATION */
  property:  value;
}

body {
  background-color: limegreen;
  color: chartreuse;
}
```

CSS - The Style (Clothes)

```html
<!-- THE HTML -->

<h1>Hello World</h1>


<p>Angle brackets - ugh!</p>
```

```css
/* THE CSS */

h1 {
    font-size: 25px;
}

p {
    font-style: italic;
}
```

CSS - The Style (Clothes)

CSS - The Style (Clothes)

```html
<link href="css/style.css" rel="stylesheet">
```

CSS - The Style (Clothes)

```html
<!DOCTYPE html>
<html>
<head>
    <title>Basic web page</title>
    <style>
        h1 {
            color: #FFF;
        }
    </style>
</head>
<body>

</body>
</html>
```

CSS - The Style (Clothes)

```
<p style="font-size: 20px; color: hotpink">
    Ahhhhhh
</p>
```

DOM

Document Object Model

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Document Object Model

Document Object Model

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Exercise!

CSS - The Style (Clothes)

```html
<h1 style="color: #FFF">Page Title</h1>
```

CSS - The Style (Clothes)

```css
h1 {
  color: red;
}

h2 {
  color: rebeccapurple;
}

h3 {
  color: papayawhip;
}

h4 {
  color: lightgoldenrodyellow;
}
```

<u>CSS</u> - The Style (Clothes)

```css
h1 {
  color: #000000;
}

h2 {
  color: #00ff00;
}

h3 {
  color: #12facd;
}

h4 {
  color: #123;
}
```

CSS - The Style (Clothes)

```css
h1 {
  color: rgb(0, 0, 0);
}

h2 {
  color: rgb(12, 123, 255);
}

h3 {
  color: rgb(255, 255, 255);
}

h4 {
  color: rgb(0, 255, 0);
}
```

CSS - The Style (Clothes)

```css
h1 {
  color: rgba(0, 0, 0, 0.0);
}

h2 {
  color: rgba(12, 123, 255, 0.3);
}

h3 {
  color: rgba(255, 255, 255, 0.6);
}

h4 {
  color: rgba(0, 255, 0, 1.0);
}
```

<u>CSS</u> - The Style (Clothes)

```css
h1 {
  color: hsl(0, 100%, 50%);
}

h2 {
  color: hsl(110, 100%, 52%);
}

h3 {
  color: hsla(110, 100%, 52%, 0.0);
}

h4 {
  color: hsla(0, 100%, 50%, 1.0);
}
```

Cascading?

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Specificity?

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CSS Selectors

GENERAL ASSEMBLY

CSS Selector: Tag

```css
h1 {} /* All h1 tags */

p {} /* All p tags */

a {} /* All a tags */

ul {} /* All ul tags */
```

CSS Selector: Descendant

```css
ol li {} /* All li tags, within ol tags */

p a {} /* All a tags, within p tags */

header h1 {} /* All h1 tags, within header tags */

footer ul li {} /* All li tags, within ul tags (within footer tags) */
```

CSS Selector: Child

```css
ol > li {} /* li tags directly within ol tags */

p > a {} /* a tags directly within p tags */

header > h1 {} /* h1 tags directly within header tags */

footer > ul > li {}

/*
li tags directly within ul tags (that are directly within footer tags)
*/
```

CSS Selector: Class

```css
a.importantLink {} /* a tags with the class of importantLink */

img.bill {} /* img tags with the class of bill */

ul li.highlight {}
/* lis with the class of highlight, within uls */

nav .currentLink {}
/* any element with the class of currentLink with navs */
```

CSS Selector: ID

```css
a#importantLink {} /* a tags with the ID of importantLink */

img#bill {} /* img tags with the ID of bill */

ul li#highlight {}
/* lis with the ID of highlight, within uls */

nav #currentLink {}
/* any element with the ID of currentLink with navs */
```
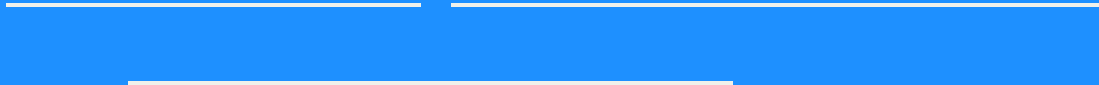
Classes vs. IDs

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CSS Selectors

Exercise!

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Quiz!

```css
p {}

header h1 {}

a.important.link {}

img#bill {}

.fullWidth {}

footer > ol > li {}

h3, h4 {}

* {}
```

Coding Style!

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Homework

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Q & A

General Assembly

Feedback Time

Thanks!

GENERAL ASSEMBLY