

Hipster Hackers

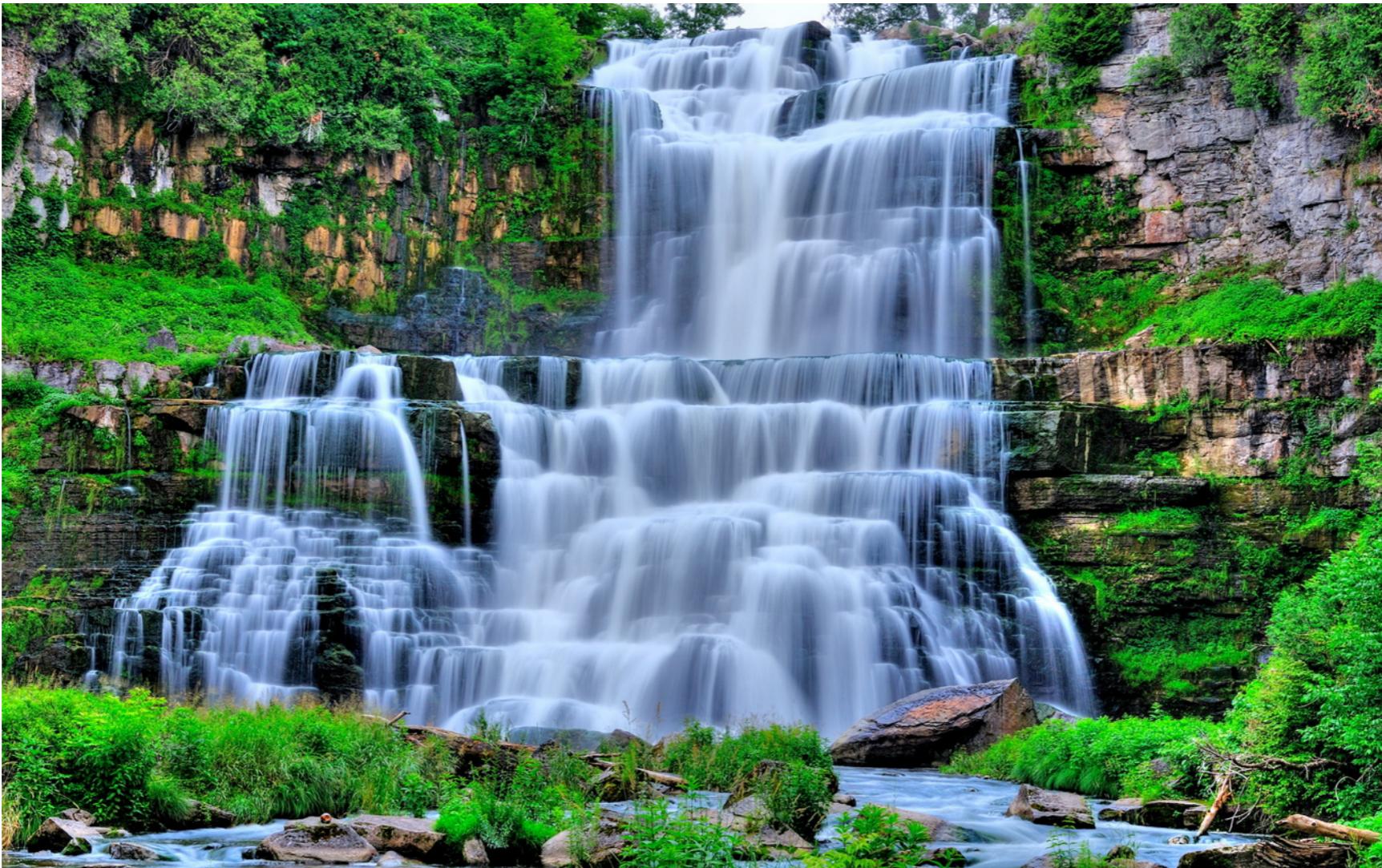
Welcome

Welcome to CSS and
Media
(oh yeah!)

Cascading Style Sheets

also NOT* a programming language

Top
|
V
Down



* there's an exception to this, but I'm not going to tell you

The other
buzzword



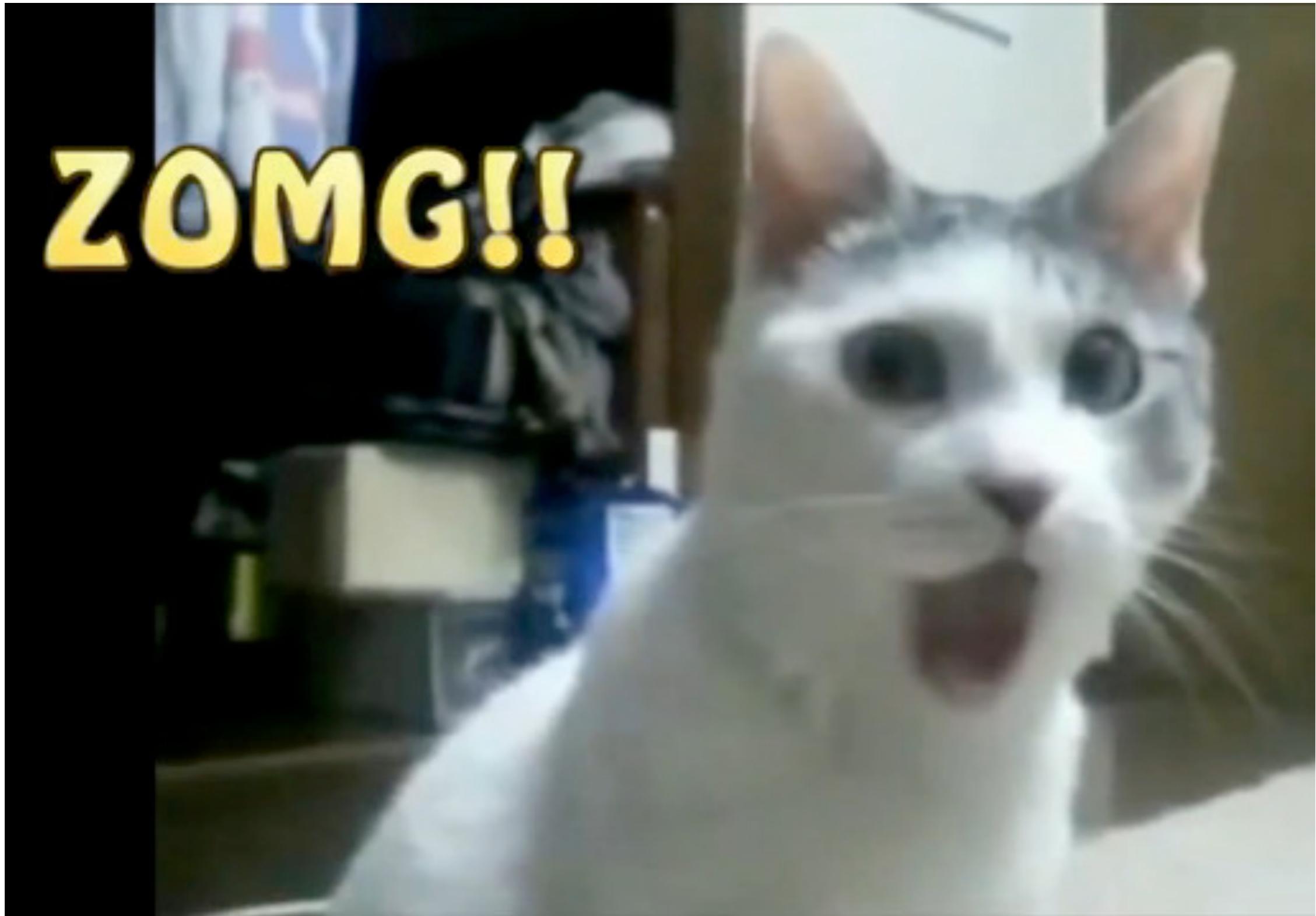
Before the CSS life

```
<table cellpadding="10" cellspacing="0" border="3">
<tr>
  <td bgcolor="red">
    <font face="arial" size="10" color="white">
      Large white text on a red background
    </font>
  </td>
</tr>
</table>
```

Large white text on a red background

<http://websitesfromhell.net/>

ZOMG!!



Life with CSS



{ <— see this thing?

That's a “left curly brace”

} <— Any guess what this one is?

; <— Semicolon... in case you forgot

: <— Colon... 2 dots

take note, because these are now your best friends

CSS Selectors

#id

#wrap

<div id="wrap"></div>

.class

.product

<p class="product"></p>

element

body

<body></body>

:pseudo-class

:hover

mouse over

*

* all the things

*

[attribute]

[data-method]

<a href="#" data-
method="post">

Anatomy of a CSS style

selector

left curly brace

styles

right curly brace

```
#wrap {  
    /* styles go here */  
}
```

Anatomy of a CSS style

selector
left curly brace
styles
right curly brace



Anatomy of a CSS style

selector

left curly brace

styles

right curly brace

```
#wrap {  
    attribute: value;  
}
```

Anatomy of a CSS style

selector

left curly brace

styles

right curly brace

```
#wrap {  
    attribute: value;  
}
```

attribute colon value semicolon
attribute colon value semicolon
attribute colon value semicolon
attribute colon value semicolon

Anatomy of a CSS style

```
td {  
    background-color: red;  
    color: white;  
    padding: 10px;  
    border: 3px outset black;  
}
```

When do I use these?

#id - Can only be used once per page

.class - Can be used as many times as you want

element - When referencing a specific element

:pseudo-class - Getting fancy

* all the things - When selecting all the things

[attribute] - Selecting by a specific element attribute

Let's be clear

#id - Can only be used once per page

DO NOT DO THIS

```
<h2>My Favorite Movies</h2>
<div id="movie">The Human Centipede</div>
<div id="movie">The Lion King</div>
```

Instead, do this!

```
<h2>My Favorite Movies</h2>
<div class="movie">The Human Centipede</div>
<div class="movie">The Lion King</div>
```

Cascading

```
.my-class {  
    font-size: 20px; ← Ignored  
    color: blue;  
}  
  
.my-class {  
    font-size: 40px;  
    border: 1px solid green;  
}
```

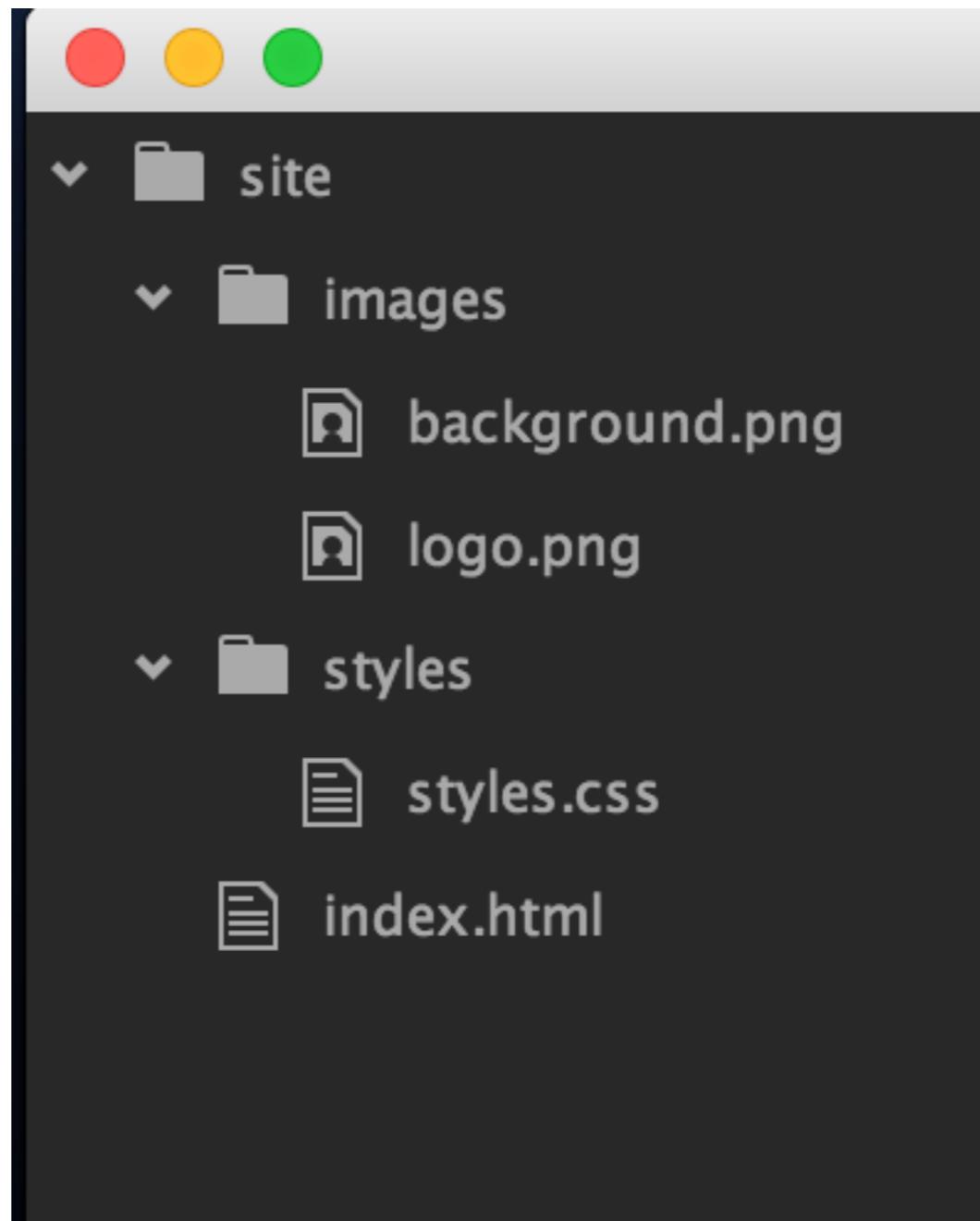
Important!

```
.my-class {  
    font-size: 20px !important;  
    color: blue;  
}  
  
.my-class {  
    font-size: 40px; ← Ignored  
    border: 1px solid green;  
}
```

MEDIA!!

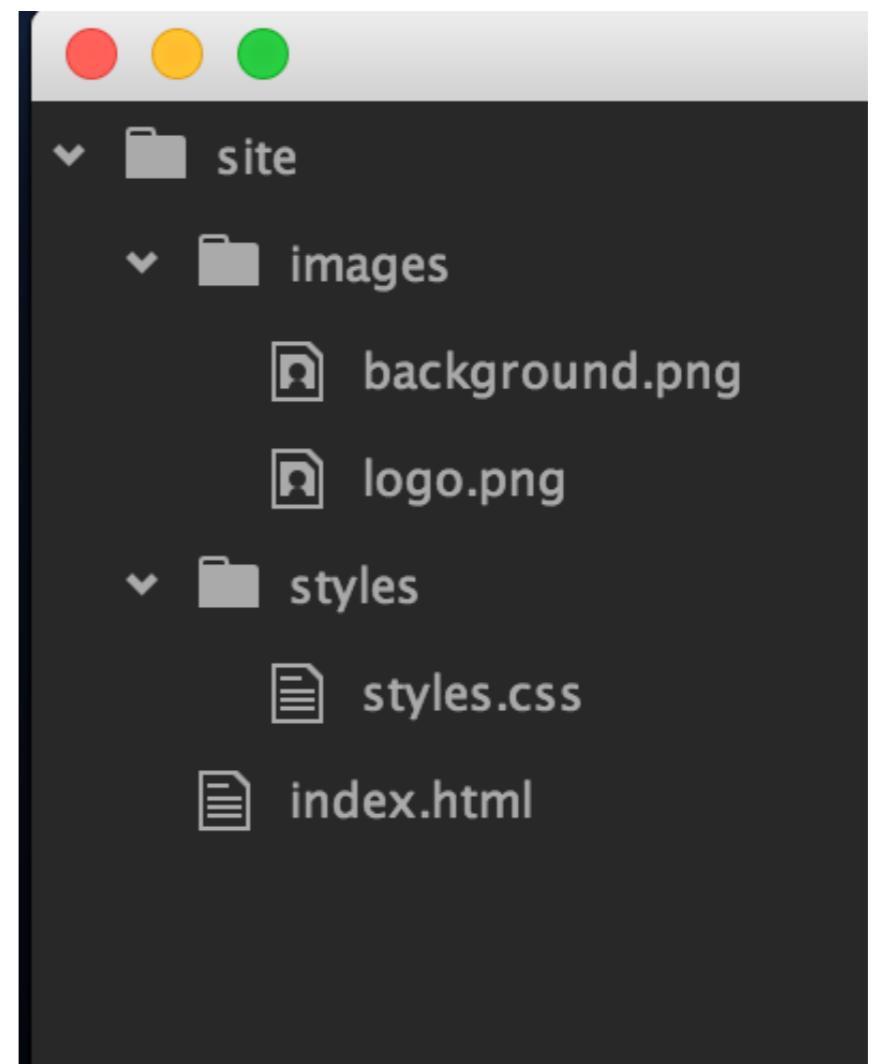


File structure



Siblings

“logo.png” & “background.png” are siblings
“images” and “styles” and “index.html” are siblings

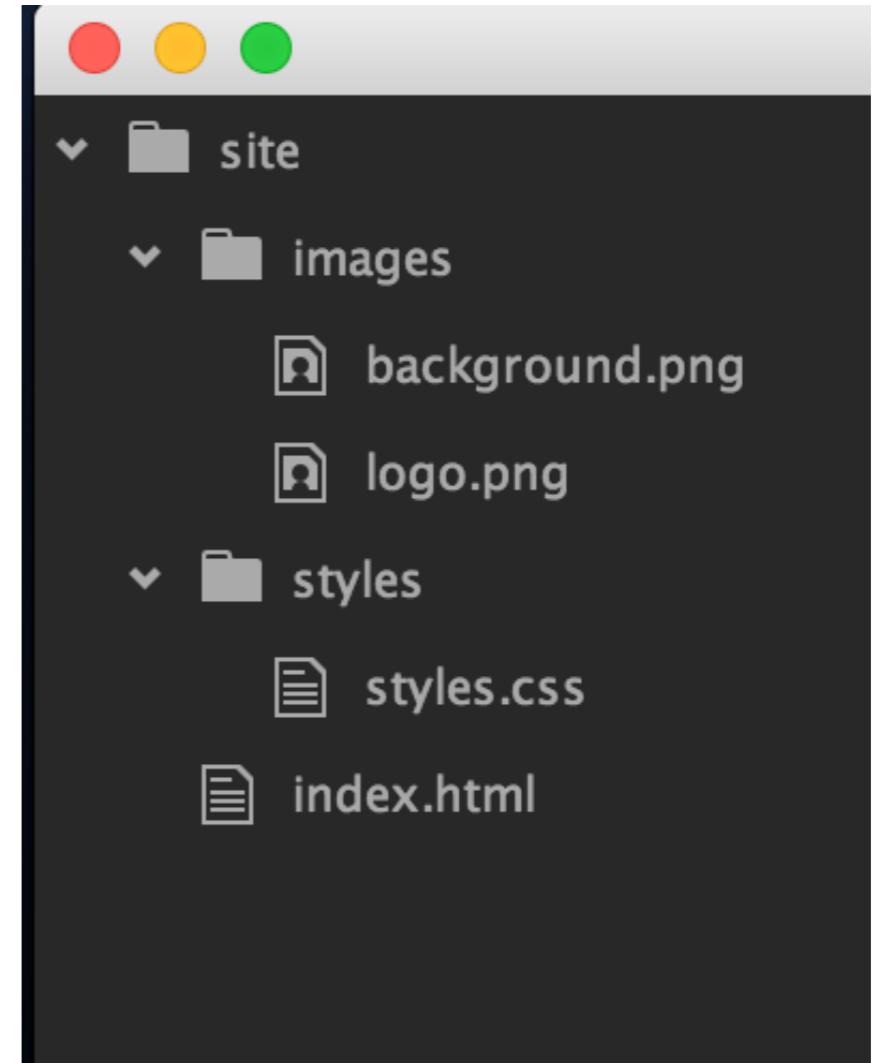


Parents

“images” parent to background.png & logo.png

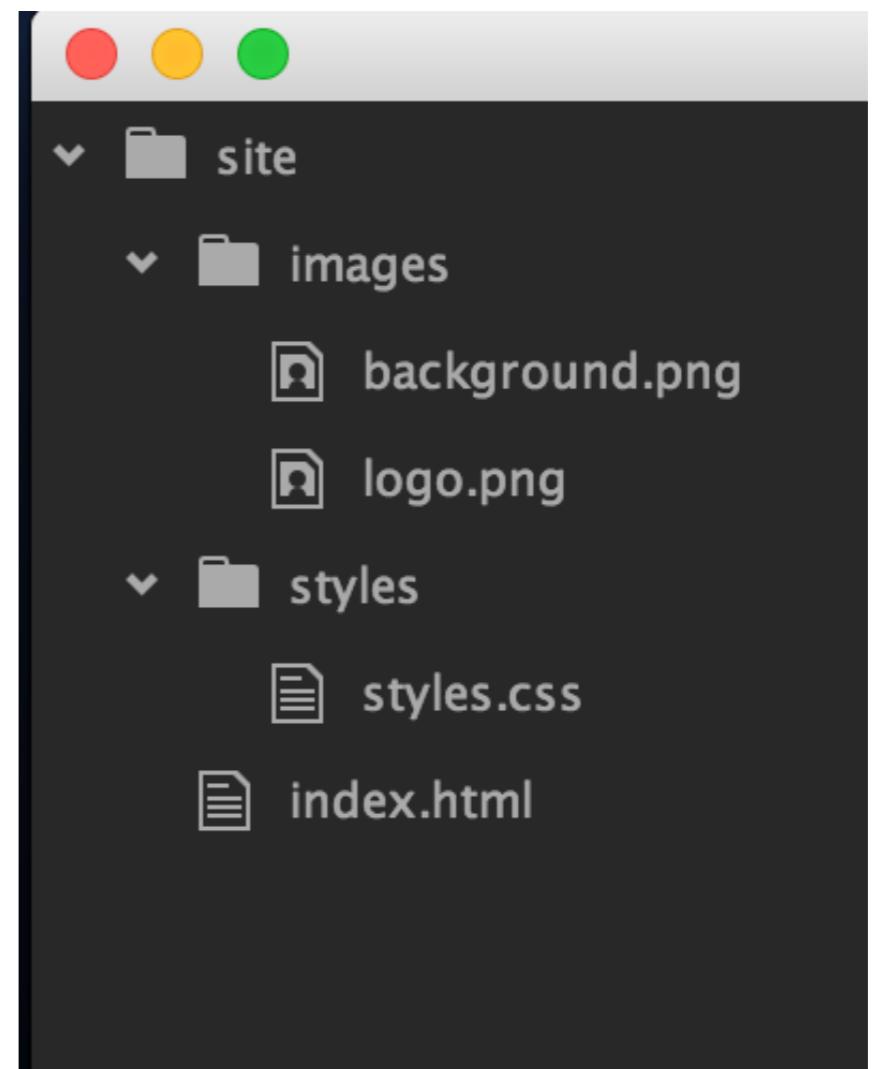
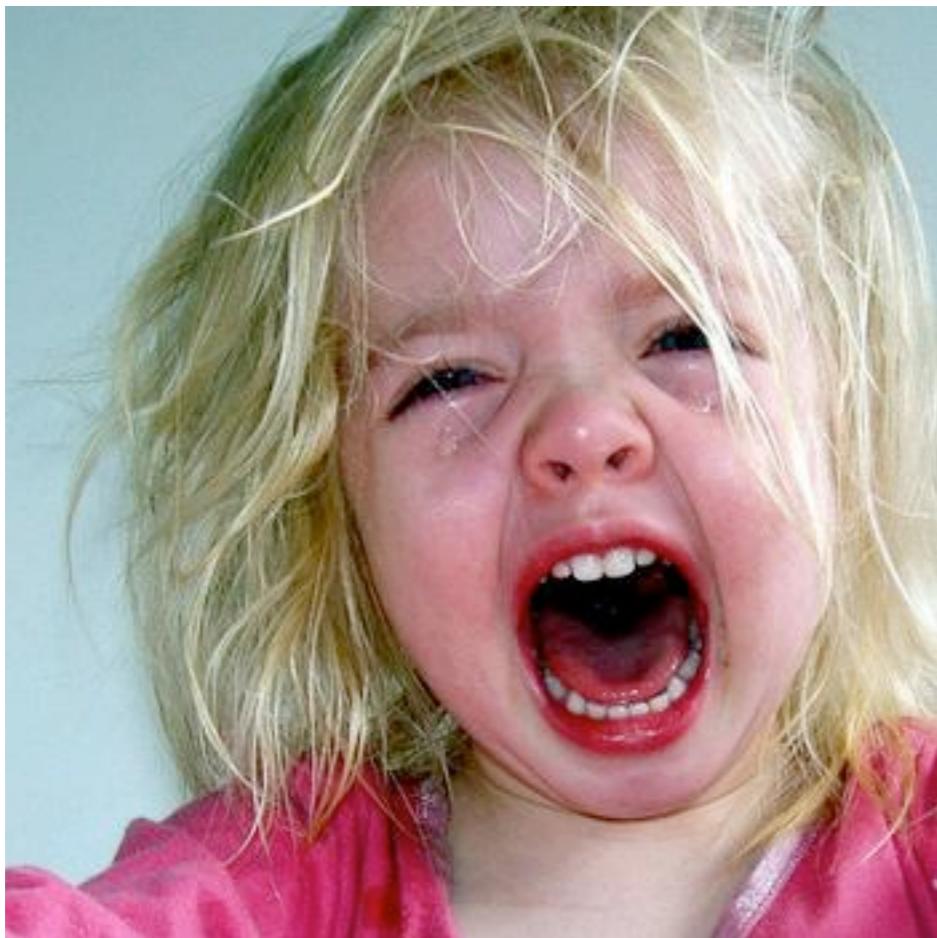
“styles” parent to styles.css

“site” parent to the whole project



Children

“background.png” & “logo.png” are children of “images”
“styles.css” is a child of the “styles” folder



Making sense of this

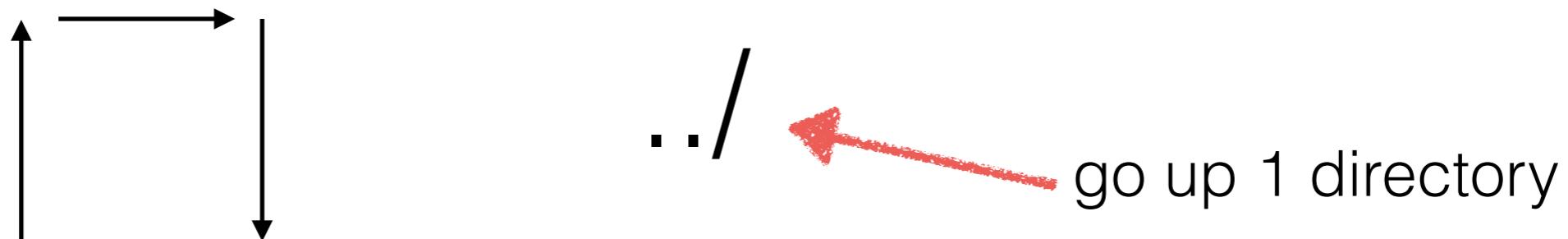
site/images/logo.png

site/images/background.png

site/styles/styles.css

site/index.html

The path from styles.css to background.png is up 1 parent, over 1 sibling, and down 1 child



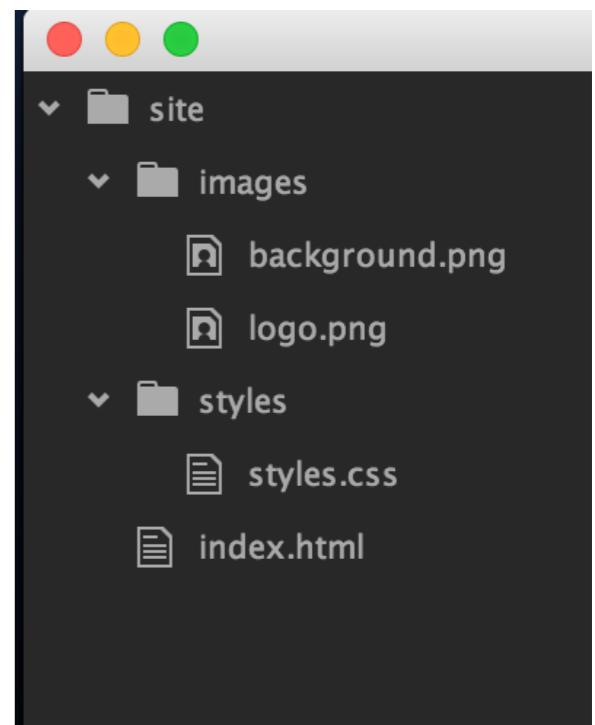
Anatomy of a CSS style

```
#wrap {  
background-image: url("../images/background.png");  
background-color: white;  
min-height: 300px;  
}
```

Adding Images

```
<!-- index.html -->
<header>
  <a href="/">
    
  </a>
</header>
```

from index.html over 1 sibling, and down 1 child



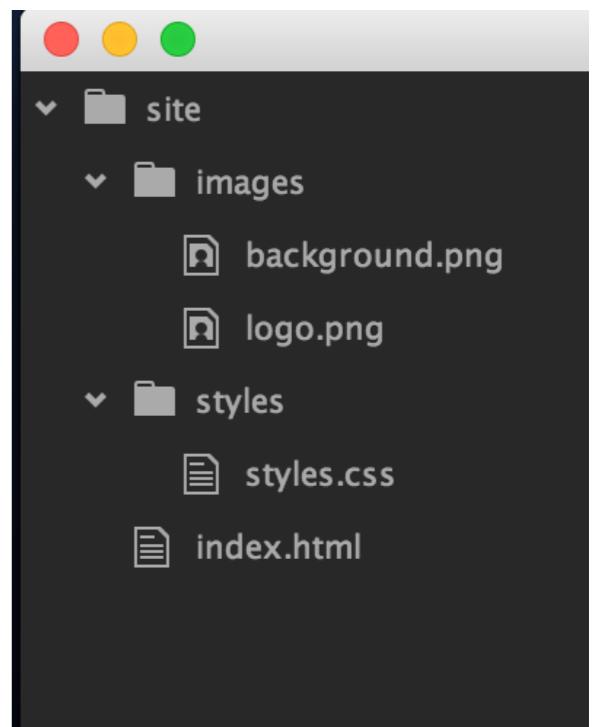
WAIT!

how do we add our CSS into our HTML?

Adding Stylesheets

```
<!-- index.html -->
<head>
  <link href="styles/styles.css" rel="stylesheet" type="text/
css">
</head>
```

from index.html over 1 sibling, and down 1 child



Questions?

! ? ?