

HTML + CSS

Self-Study



By the end
of this
lesson, you
should be
able to...

1. Have a *general idea* about how HTML works.
2. Have a *general idea* about how CSS works.
3. Have a *general idea* about how JavaScript, HTML, and CSS code work together on a simple webpage.



What is HTML?



What is HTML?



What is HTML?

- Hypertext Markup Language



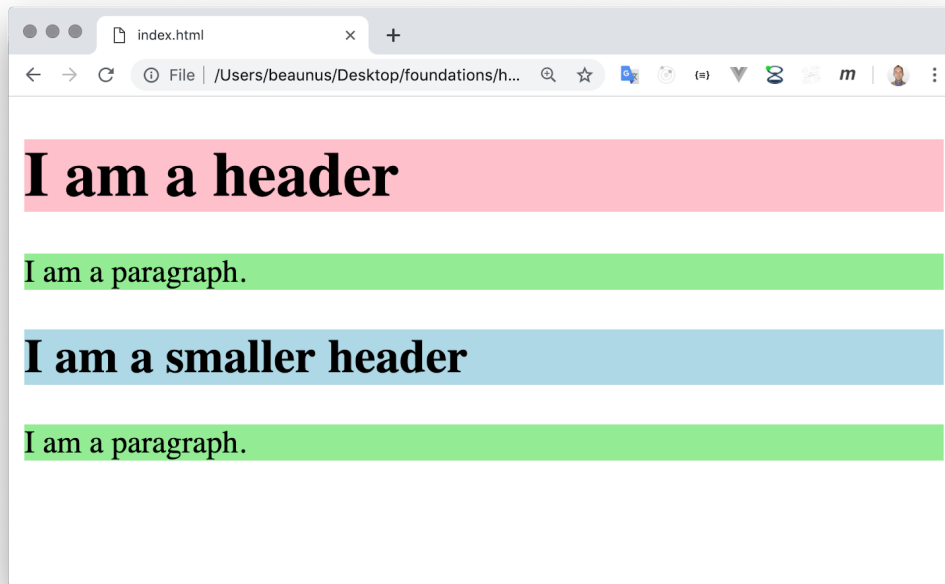
What is HTML?

- Hypertext Markup Language
- It's a language, but it's a little different from JavaScript



HTML

HTML is a way of *describing* the placement of elements in a web page.



```
<!DOCTYPE html>
<html lang="en">
  <body>
    <h1>I am a header</h1>
    <p>I am a paragraph.</p>
    <h2>I am a smaller header</h2>
    <p>I am a paragraph.</p>
  </body>
</html>
```

HTML

コード
クリサリス

What is CSS?



What is CSS?



What is CSS?

- Cascading Style Sheets



What is CSS?

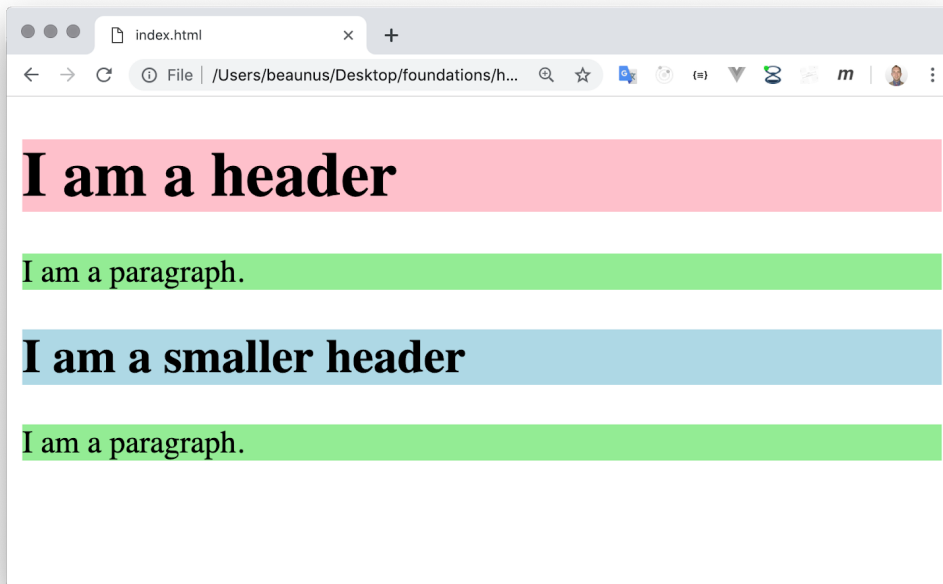


- Cascading Style Sheets
- It's a language, but it's different from JS and HTML



CSS

CSS is a way of *describing* the how elements *look* on a webpage.



```
h1 {  
  background: pink;  
}  
  
h2 {  
  background: lightblue;  
}  
  
p {  
  background: lightgreen;  
}
```

CSS

```
<!DOCTYPE html>  
<html lang="en">  
  <body>  
    <h1>I am a header</h1>  
    <p>I am a paragraph.</p>  
    <h2>I am a smaller header</h2>  
    <p>I am a paragraph.</p>  
  </body>  
</html>
```

HTML

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クリサリス

HTML + CSS + JS

You can *import* CSS and JS files into your webpage's HTML.

```
<!-- index.html -->

<!DOCTYPE html>
<html lang="en">
  <head>
    <link rel="stylesheet" type="text/css" href="style.css" />
    <script type="text/javascript" src="script.js"></script>
  </head>
  <body>
    <h1>I am a header</h1>
    <p>I am a paragraph.</p>
    <h2>I am a smaller header</h2>
    <p>I am a paragraph.</p>
  </body>
</html>
```

```
/* style.css */

h1 {
  background: pink;
}

h2 {
  background: lightblue;
}

p {
  background: lightgreen;
}
```

```
// script.js

console.log("Hello, world.");
```



REVIEW TIME

1. What is HTML?
2. What is CSS?
3. How can we link HTML, CSS, and JS together?



Activity

Follow the exercises for
HTML CSS Self Study!

