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Lesson 6:
CSS Syntax Problem Set

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What is a Stylesheet?

What is a Stylesheet?

In the next quiz, you'll be working with a stylesheet. So what is a stylesheet and why is it important? Well, consider the following question...

What if you wanted to use the same CSS on more than one webpage?

You could just copy all of your CSS from one file and paste it into another, but that seems like a lot of extra work and doesn't scale very well. What if you decide to make changes later? You'd have to change every copy of the CSS!

There's got to be a better way...



There's got to be a better way meme

While the process described above works, it's not recommended. Instead, the preferred method is to write your CSS in a file called a **stylesheet** and then link to that file in your HTML.

index.html

```
1 <!DOCTYPE html>
2
3 <html>
4
5 <head>
6   <meta charset="utf-8">
7   <title>My Site</title>
8   <link rel="stylesheet"
  • href="styles.css">
9 </head>
10
11 <body>
12   <h1>My Awesome Heading!</h1>
13   <p>This is my awesome
  • paragraph</p>
14 </body>
15
16 </html>
17
```

styles.css

```
1 h1 {
2   color: red;
3 }
4
5 p {
6   color: blue;
7 }
8
```

Example HTML Document and CSS Stylesheet

Stylesheets

A stylesheet is a file containing the code that describes how elements on your webpage should be displayed.

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What is a Stylesheet?

2color: red;

3}

4

5p {

6color: blue;

7}

8

Example CSS File

This is no different than what you've been doing before, except the CSS lives in a different file... and you don't have to use the `<style>` tags anymore. To create a stylesheet, simply add a new file to your project, write some CSS, and save it as `name-of-stylesheet.css`.

How to Link to a Stylesheet

Before your webpage can use the stylesheet, you need to link to it. To do this, you'll need to create a `<link>` to your stylesheet in your HTML. To create a link, simply type the following inside the `<head>` of your HTML.

```
<link href="path-to-stylesheet/stylesheet.css" rel="st
```

<

>

The `href` attribute specifies the **path** to the linked resource (you can link to other resources besides stylesheets, more on this later) and the `rel` attribute names the **relationship** between the resource and your document. In this case, the relationship is a stylesheet. When you're done, it will look something like this...

```
<head>  
  <title>My webpage</title>  
  <!-- ... -->  
  <link href="path-to-stylesheet/stylesheet.css" rel="  
  <!-- ... -->  
</head>
```

<

>

NEXT

https://classroom.udacity.com/courses/ud304-in/lessons/7323812069/concepts/74240073020923

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