

# How Webpages Work

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(For the most part)

# A Webpage is an HTML file

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something.html

# A Webpage is an HTML file

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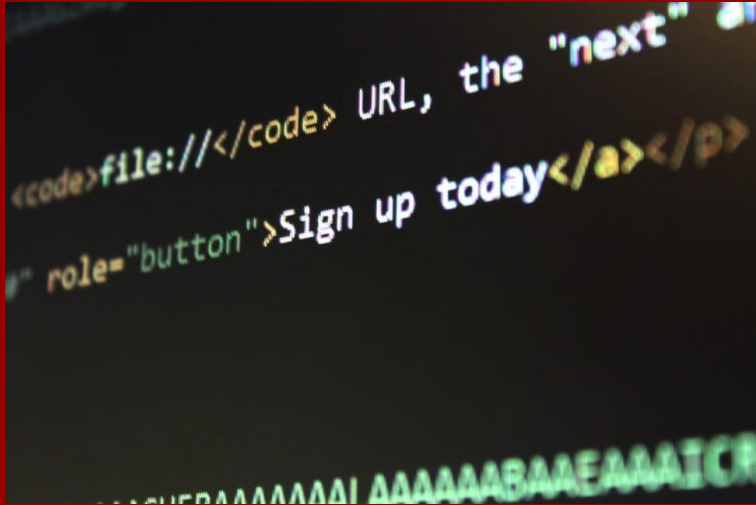
something.html



**IMPORTANT:** The file extension of an HTML file is .html

# Inside the HTML file is HTML code

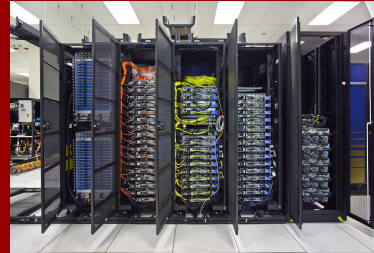
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HTML (HyperText Markup Language) is a system of “tagging” that is used to give content to a webpage and instructs web browsers on how to structure that content.

# The HTML file lives in a folder, the folder lives on a server

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# When you open a webpage, you are opening an HTML file



something.html



Your **web browser** (Google Chrome, for instance) will read the HTML code and display the webpage.

# The HTML file lives in a folder, the folder lives on a server

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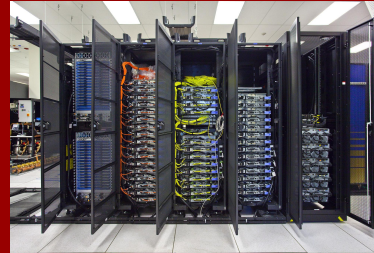
# The HTML file lives in a folder, the folder lives on a server

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When you open the *homepage* of a website, you are opening a specific file in the website's main folder.

That file is the **index.html** file.





**What About CSS?**

# The HTML provides the content and structure of the page, *CSS* styles the page

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something.css



**IMPORTANT:** The file extension of a CSS file is .css

# Inside the CSS file is CSS code

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```
26 .screen-reader-text:hover,  
27 .screen-reader-text:active,  
28 .screen-reader-text:focus {  
29     background-color: #f1f1f1;  
30     border-radius: 3px;  
31     box-shadow: 0 0 2px 2px rgba(0, 0, 0, 0.6);  
32     clip: auto !important;  
33     color: #21759b;  
34     display: block;  
35     font-size: 14px;  
36     font-size: 0.875rem;  
37     font-weight: bold;  
38     height: auto;  
39     left: 5px;  
40     line-height: normal;  
41     padding: 15px 23px 14px;  
42     text-decoration: none;  
43     top: 5px;  
44     width: auto;  
45     z-index: 100000; /* Above WP toolbar. */  
46 }  
47
```

**CSS** (Cascading Style Sheets) is used to style and layout webpages — for example, to alter the font, color, size, and spacing of your content.

# HTML and CSS files are linked

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index.html

*I provide the content  
and structure of the  
webpage!*

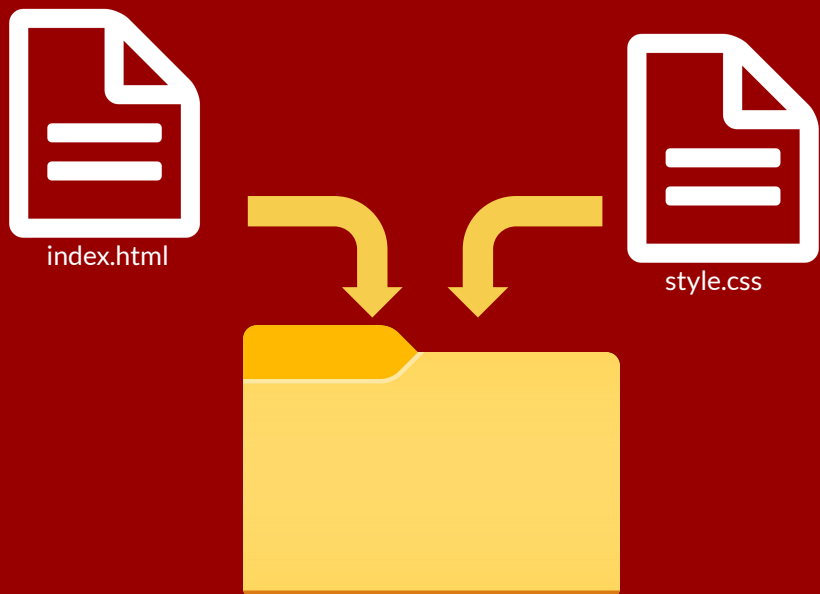


style.css

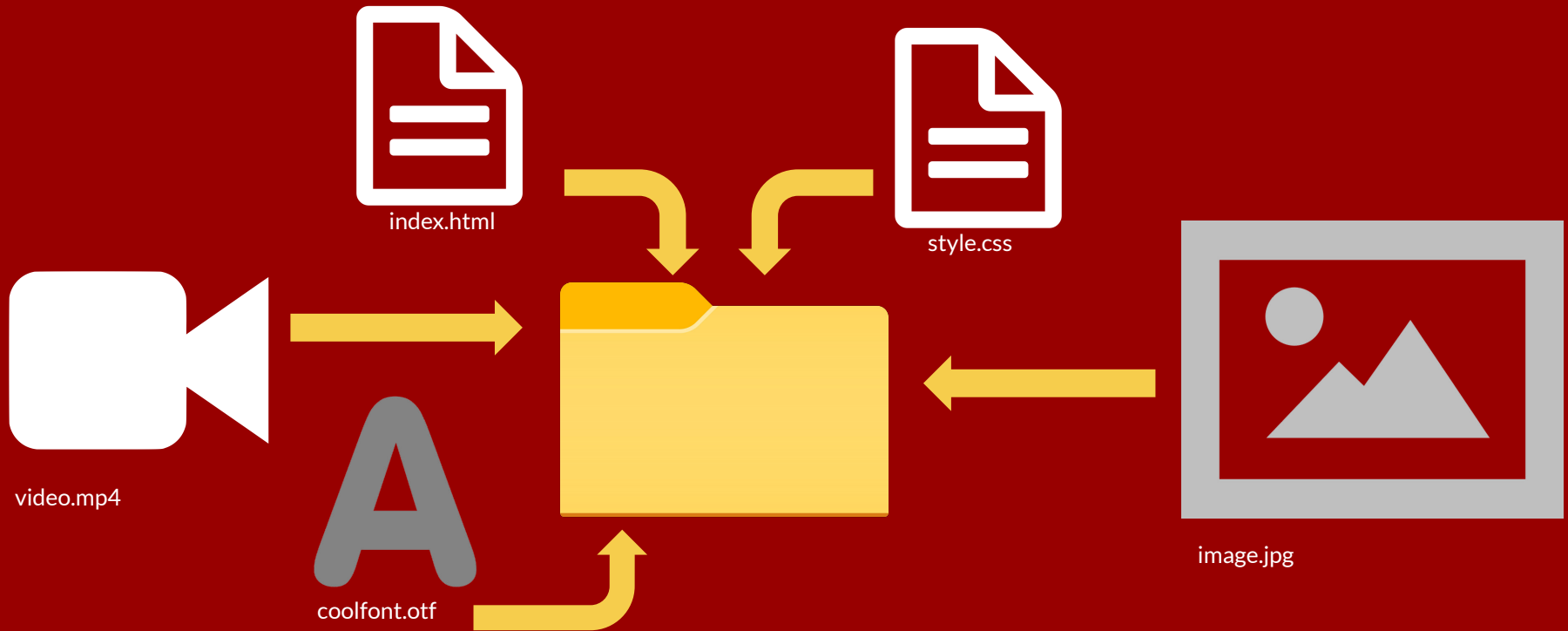
*I style and layout the  
webpage!*

**IMPORTANT:** There is a **line of code** in the HTML file that links the HTML file to the CSS file.

# Both files should also be in the same folder



**Eventually all assets needed for the webpage  
should be in that folder, too**



# In Summary

# When you open a webpage, you are opening an HTML file



index.html





# The HTML file lives in a folder, the folder lives on a server

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index.html



# The HTML file lives in a folder, the folder lives on a server

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HTML provides the content and structure of the page.



index.html



# Also in that folder is a CSS file

HTML provides the content and structure of the page.

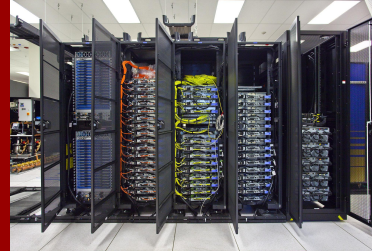


index.html

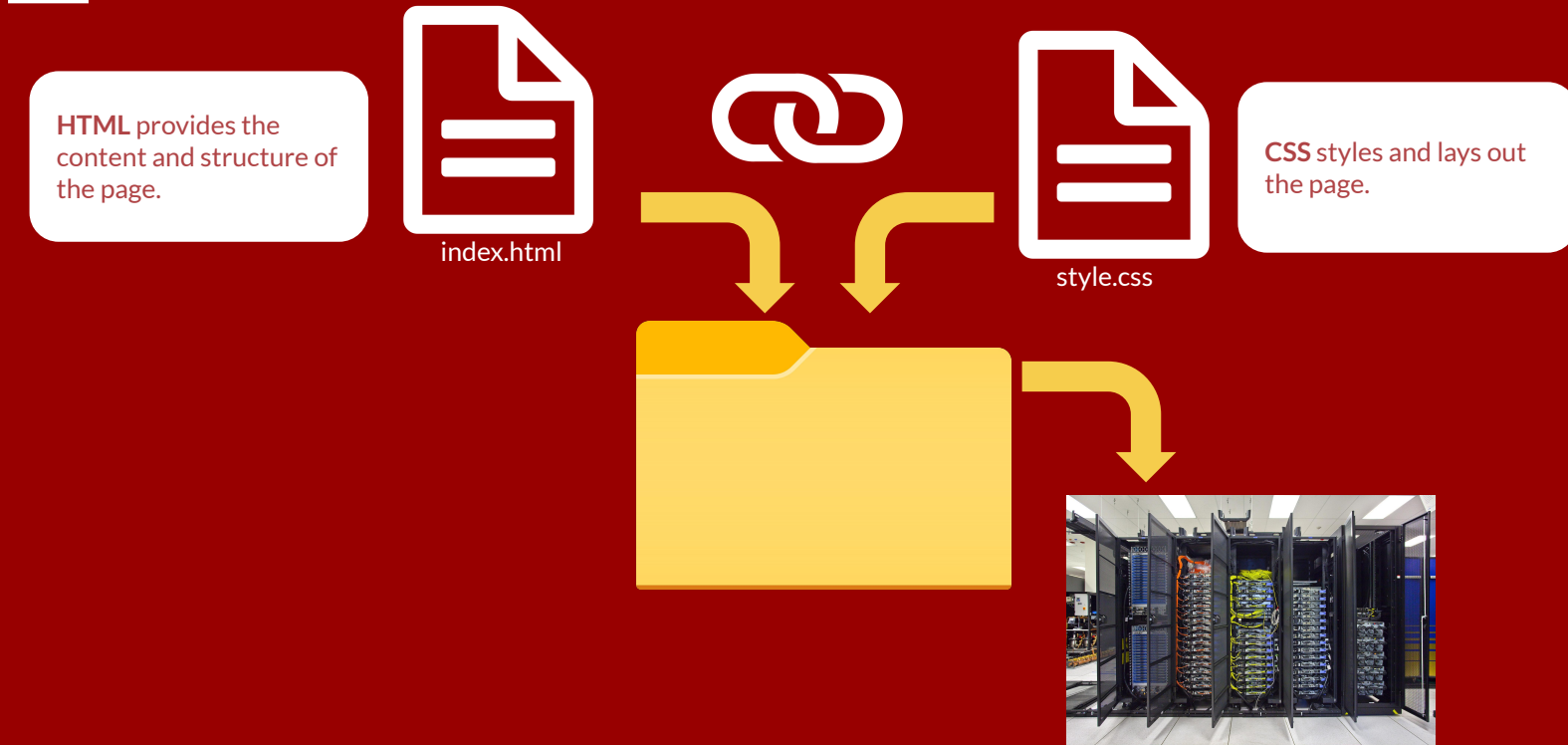


style.css

CSS styles and lays out the page.

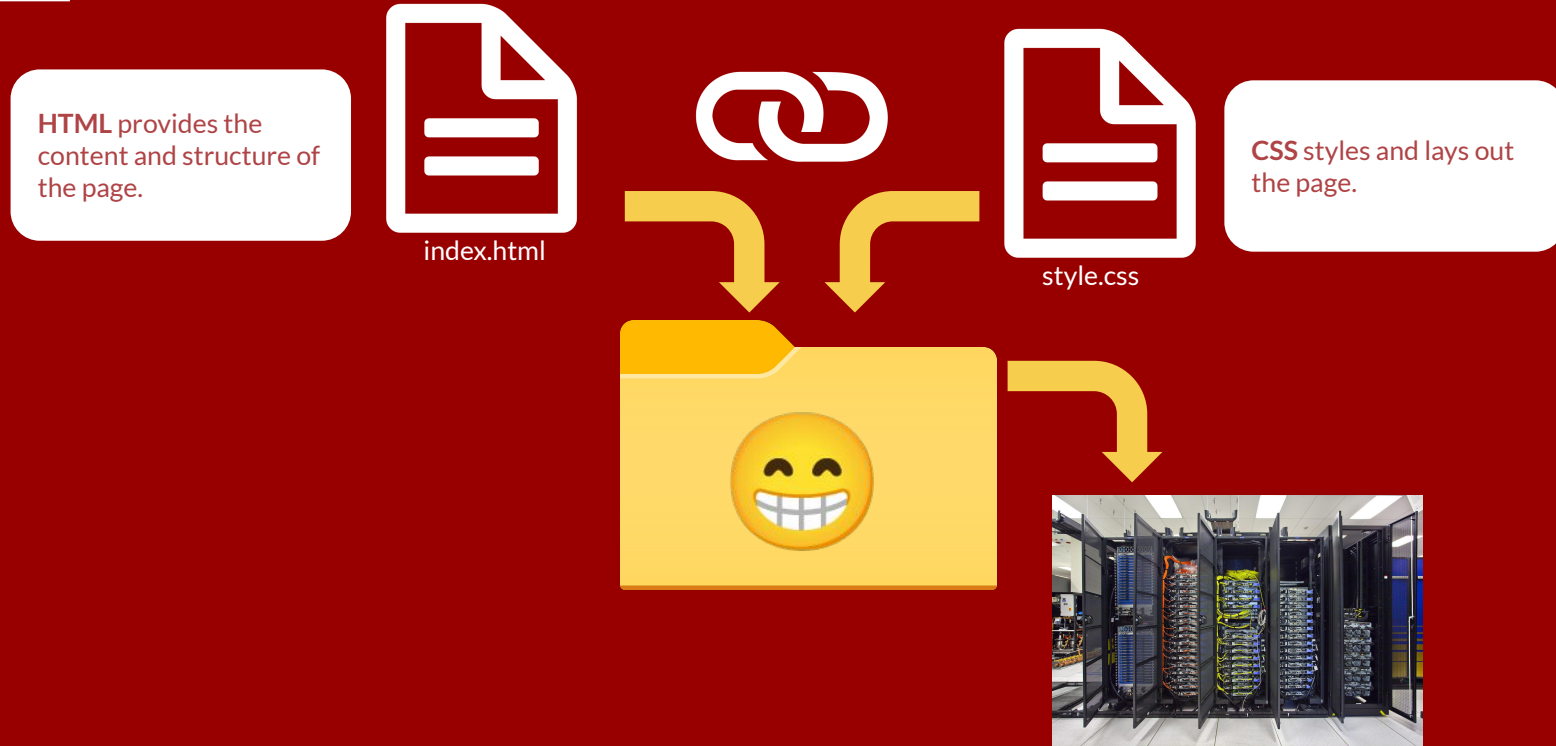


# The HTML and CSS files are linked



# The HTML and CSS files are linked and in the same folder

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# The webpage works and looks great

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**Where Might Things Go Wrong?**

# Common mistakes

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- HTML and CSS files are not in the same folder
- HTML and CSS files are not properly linked
- HTML code or CSS code is broken





