

Developing The Web

Keywords

HTML	Hyper Text Markup Language
Hyperlinks	A link in a document or a webpage that connects to another location
CSS	Cascading style sheet allows you to make formatting changes to your website in one document.
Index	An index contains information about the webpages that have been visited by web crawlers. Search engines look for matches in the index.
Web crawler	An automated program that automatically browses the web and stores information about the webpages it visits

HTML EXAMPLES

`<h1>heading 1</h1>`

`bold text `

`<p>paragraph</p>`

`italics`

`` bulleted list

`<h2 style="color:red,">Title</h2>`

`<center> center </center>`

HTML can be written in specialist software, or in a simple text editor like Notepad++. As long as the document is saved with the file extension **‘.html’** it can be opened and viewed as a **webpage** from a **browser**. This example **HTML** code displays a message on a webpage:

```
<html>
  <body>
    <h1>Hello world</h1>
    <p>This is my first webpage</p>
  </body>
</html>
```

CSS (Cascading Style Sheets)

HTML defines the structure and content of your **web page**

CSS defines the style and layout of **web pages**

CSS can be used to change the style of a whole **website**, one **web page** or a single occurrence of an element, e.g.

`<h1 style="text-align:center">`

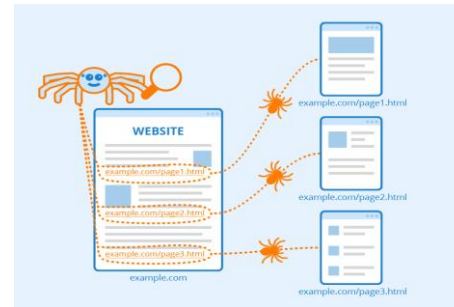
CSS Syntax

Selector Declaration

`h1 {color: blue;}`

Property Value

When adding **CSS** to a **web page** it is defined at the top of the page between the **<style>** tags.



Advanced search operators

Edinburgh OR castle

All Maps New

About 1,160,000,000 results

Or operator
Finds pages with either Edinburgh or castle

Edinburgh -castle

All Maps N

About 179,000,000 results

NOT operator
Finds pages with Edinburgh, but removes those with word castle.

"Edinburgh castle"

All Maps

About 4,230,000 results

Phrase search
Pages found that only have "Edinburgh castle" on them, in that order.

Website links

https://www.w3schools.com/html/html_intro.asp

<https://www.bbc.co.uk/bitesize/guides/z8nk87h/revision/4>

<https://www.khanacademy.org/computing/computer-programming/html-css>