

HTML

Why do we need HTML?

... y cuando los superiores administran le de-

What is HTML?

HTML: Content (The Bones)

Hyper Text Markup Language (currently at version 5.1)

It is a system for defining, or tagging, pieces of text

```
<h1>Hello World</h1>

<p>I am a paragraph</p>

<ul>
  <li>I am a list item</li>
  <li>I am another list item</li>
</ul>
```

HTML: Content (The Bones)

A page is made up of many elements...

An element is made up of an:

- Opening tag
- Attributes
- Content
- Closing tag

```
<a href="https://ga.co">General Assembly</a>
```

`` ← *Opening Tag*

↑
Attribute Name & Value

General Assembly ← *Content*

`` ← *Closing Tag*

HTML: Content (The Bones)

Common **tags** include:

Actual Content

h1, h2, h3, h4, h5, h6, p, a, img, button, form

Dividing Content

div, article, section, nav, footer, header

The Anatomy of HTML

```
<!DOCTYPE html>
<html>

<head>
  <meta charset="UTF-8">
  <title>My HTML Page</title>
</head>

<body>

  <!-- Content goes here! -->

</body>

</html>
```

Coding Style!

- All HTML tags, attributes and values should be lowercase
- All open tags should be closed
- All attributes should use double quotation marks
- Indent for developer clarity
- [Google's HTML Style Guide](#) and [MDO's Code Guide](#)

HTML Syntax Errors

- Forgetting to close a tag
- Forgetting to open or close quotes
- Missing angle brackets
- MDN: Handling common HTML problems

Resources

You can see a list of the tags, and how to use them at these places:

- [MDN HTML Element Reference](#)
- [HTML Reference](#)
- [W3Schools Tags](#)