# HTML

# Why do we need HTML?

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# 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>
I am a paragraph

I am a list item
I am another list item
```

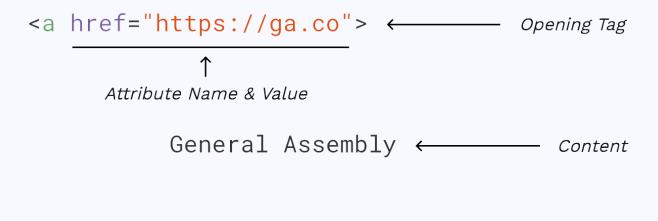
## **HTML**: Content (The Bones)

A page is made up of many elements...

An element is made up on an:

- Opening tag
- Attributes
- Content
- Closing tag

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



</a> < 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

### **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