HTML "Cheat Sheet"

Code	Preview

<pre><!DOCTYPE html>
<html>
    <!-- This is a comment. -->
    <head>
        <title>Example!</title>
    </head>
    <body>
        <p>The content of an HTML document goes
between the &lt;body&gt;&lt;/body&gt; tags.</p>
        <p>The &lt;p&gt;&lt;/p&gt; tags mark a
paragraph. The &lt;b&gt;&lt;/b&gt; tags mark a
bolded region.</p>
        <p>To write a <u>l</u>ess <u>t</u>han sign,
we can write <code>&amp;lt;</code>. <code>&amp;gt;
</code> is used for <i>greater than</i> signs.</p>
    </body>
</html></pre>
	Example! ☒
	
	The content of an HTML document goes between the <body></body> tags.
	
	The tags mark a paragraph. The tags mark a bolded region.
	
	To write a less than sign, we can write `<`. `>` is used for *greater than* signs.

<pre><!DOCTYPE html>
<!-- lang="en" tells browsers that the website's
content is in English. lang="es" would mean
Spanish. -->
<html lang="en">
    <head>
        <title>Example 2</title>
 	
        <!-- This prevents the text/website from
being extremely small on mobile devices -->
        <meta name="viewport"
content="width=device-width,initial-scale=1.0"/>
    </head>
    <body>
        <p>The content of an HTML document goes
between the &lt;body&gt;&lt;/body&gt; tags.</p>
        <p>The <code>&lt;p&gt;&lt;/p&gt;</code>
tags mark a paragraph.</p>
        <p><code>&lt;div&gt;&lt;/div&gt;</code> and
<code>&lt;span&gt;&lt;/span&gt;</code> tags are
generic containers.</p>
    </body>
</html></pre>
	Example 2 ☒
	
	The content of an HTML document goes between the <body></body> tags.
	
	The `<p></p>` tags mark a paragraph.
	
	`<div></div>` and `<span></span>` tags are generic containers.

<pre><!DOCTYPE html>
<html lang="en">
    <head>
        <title>Example 3</title>
 	
        <!-- Give the website an icon! -->
        <link rel='icon' href='/globe-icon.svg'/>
 	
        <!-- Some browsers print warnings if we
don't have this. -->
        <meta charset='utf-8'/>
 	
        <!-- Prevents the text/website from being
extremely small on mobile devices -->
        <meta name="viewport"
content="width=device-width,initial-scale=1.0"/>
    </head>
    <body>
        <p>HTML stands for Hypertext
Markup Language.</p>
        <p>This is <button onclick='alert("that
shows an alert dialog")'>a button</button>.</p>
    </body>
</html></pre>
	🌐 **Example 3** ☒
	
	HTML stands for **H**yper**t**ext **M**arkup **L**anguage.
	
	This is [a button].

Common Tags

Tag	Description
`<!DOCTYPE html>`	Tells the web browser (e.g. Firefox) that that page *is* an HTML document (as opposed to an SVG image, an XHTML document, etc.)
`<html>`	Wraps the entire HTML document.
`<head>`	Wraps *information* about how the website should be shown. For example, the website's icon.
`<link rel='stylesheet' href='/path/to/styles.css'/>`	Include CSS (**C**ascading **S**tyle **S**heets) from a file.
`<meta name='...' content='...'/>`, `<meta charset='...'/>`, etc.	Metadata (e.g. character encoding, minimum/maximum touchscreen zoom).
`<script>...</script>`	Embed JavaScript directly within an HTML page.
`<script src='path/to/script.js'></script>`	Include JavaScript from a file located at `path/to/script.js`.
`<body>`	Wraps the visible content of a website.
`<p>...</p>`	A paragraph.
`<div>...</div>`	A generic container that gets its own line.
`<span>...</span>`	A generic container that can be included within text.
`<a href='https://example.com/'>...</a>`	A hyperlink to `https://example.com/`.
`<img src='path/to/image.png' alt='alt text here'/>`	Includes an image from `path/to/image.png` with alt text `alt text here`. Alt text gives screen readers and other accessibility tools a description of the image.

Important attributes

Attribute	Example	Description
`id`	`<button id='foo'>...</button>`	A unique ID that allows a script or style sheet to refer to an element (anything we make with a tag is an *element*. For example, a button is an element.).
`class`	`<span class='foobar'>Text!</span>`	A non-unique ID that lets a script or CSS style sheet refer to an element.
`onclick`	`<button onclick='alert(3 + 3);'> Click me. </button>`	Runs JavaScript when something is clicked.