



HTML REFERENCE

HTML consists of a little over 100 tags — keywords, surrounded by a pair of angled brackets — that are used to define content on a web page. An HTML element is defined by a start tag, some content, and an end tag:

`<p>I am a paragraph element.</p>`

Below are the tags you might be likely to use in C226:

<code><!--...--></code>	Defines a comment
<code><!DOCTYPE></code>	Defines the document type
<code><a></code>	Defines a hyperlink
<code><article></code>	Defines an article
<code><aside></code>	Defines content aside from the page content
<code></code>	Defines bold text
<code><body></code>	Defines the document's body
<code>
</code>	Defines a single line break (<i>empty tag</i>)
<code><button></code>	Defines a clickable button
<code><div></code>	Defines a section in a document
<code></code>	Defines emphasized text
<code><figcaption></code>	Defines a caption for a <code><figure></code> element
<code><figure></code>	Specifies self-contained content
<code><footer></code>	Defines a footer for a document or section
<code><h1> to <h6></code>	Defines HTML headings
<code><head></code>	Contains metadata/information for the document
<code><header></code>	Defines a header for a document or section
<code><html></code>	Defines the root of an HTML document
<code><i></code>	Defines a part of text in an alternate voice or mood
<code><iframe></code>	Defines an inline frame
<code></code>	Defines an image (<i>empty tag</i>)
<code></code>	Defines a list item
<code><link></code>	Defines the relationship between a document and external resource (most used for stylesheets) (<i>empty tag</i>)
<code><main></code>	Specifies the main content of a document
<code><meta></code>	Defines metadata about an HTML document (<i>empty tag</i>)
<code><nav></code>	Defines navigation links
<code></code>	Defines an ordered list
<code><p></code>	Defines a paragraph
<code><script></code>	Defines a client-side script



HTML REFERENCE

<code><section></code>	Defines a section in a document
<code><source></code>	Defines multiple media resources for media elements (<code><video></code> and <code><audio></code>)
<code></code>	Defines a section in a document
<code></code>	Defines important text
<code><style></code>	Defines style information for a document
<code><title></code>	Defines a title for the document
<code></code>	Defines an unordered list
<code><video></code>	Defines embedded video content

For a complete list of HTML tags, go to <https://www.w3schools.com/tags/default.asp>

HTML STRUCTURE

HTML elements can be nested (meaning that elements can contain other elements). *All* HTML documents consist of nested HTML elements. The example to the right contains four HTML elements: `<html>`, `<body>`, `<h1>` and `<p>`. Relationships are familial: the `<html>` element is the root, the `<body>` is both a child of the `<html>` *and* the parent of the `<h1>` and `<p>` elements.

```
<!DOCTYPE html>
<html>
  <body>
    <h1>Heading here</h1>
    <p>Body text starts here.</p>
  </body>
</html>
```

HTML ATTRIBUTES

All HTML elements can have attributes, which provide additional information about that element. Attributes are always specified in the start tag, usually in name/value pairs like: `name="value"`

`<p class="example">I am a paragraph element.</p>`

Below are examples of attributes you might be likely to use in C226:

<code><p class="example"></code>	Specifies one or more classnames for an element (refers to a class in CSS)
<code><p id="example"></code>	Specifies a unique id for an element (refers to an id in CSS)
<code></code>	Specifies the URL of the page the link goes to
<code><link href="style.css" rel="stylesheet"></code>	Specifies the relative path to a CSS file <i>and</i> its relationship to the HTML file
<code></code>	Specifies the path to a JPEG image <i>and</i> text to display if the image does not
<code><p style="color:red;"></code>	Specifies an inline CSS style for an element
<code><html lang="en"></code>	Specifies the language of the element's content

For a complete list of HTML attributes, go to https://www.w3schools.com/tags/ref_attributes.asp