

Welcome

Building a Web Page with HTML

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- Practice Quiz:** Using HTML5 questions

Styling a Web Page with CSS

Review

Which of the following are sectioning tags? Select all that are correct.

☐ <head>

Un-selected is correct

☒ <h4>

Correct

☒ <div>

Correct

☒ <body>

Correct

Continue

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Metadata and Sectioning Elements

Have a question? Discuss this lecture in the week forums. >

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0:03

Let's look more closely at some different types of HTML tags, or elements. Right now we will look at two types of elements. One group is Metadata elements. These contain information about the page. Examples include the <html> tag, <head>, and <title> tags.

0:21

Sectioning elements which define regions of the page includes tags like <body>, <h1>, and <div>. In the context of a webpage Metadata is a set of data that describes information about a webpage the <html> tag is a Metadata Element. All other elements must be defined between the HTML start and ending tags. HTML tells a browser that it should use the HTML standard in displaying the web page. The <head> tag is also a Metadata Element it contains general information about the page. This includes the title Information about scripts and information about displaying the page using CSS.

1:00

The <title> tag is a Metadata Element too. It specifies the text that is the title for the page and must be nested between the start and ending head tags.

1:11

For an example here, is the beginning of the HTML from dukelearnprogram.com. The HTML tag, the head tags between which other Metadata goes such as the title tags. Next, we see examples of Sectioning Elements. The <body> tag is a Sectioning Element. The start and ending body tags define the body of the whole webpage. All the text and other items seen on the page will be inside the body tags. Other sectioning elements define sectioning within the body of the web page. For example, the <h1> tag defines a region with a more important and usually larger header. The h in <h1> means section head, the <h2> tag is also a section header, but typically a little smaller than an <h1> tag. The smallest header tag is h6. The <div> tag is also a sectioning tag. This tag defines a section or division of a web page. It is useful for grouping elements together to use CSS styling.

2:16

Sectioning Elements can also be found in the HTML for dukelearntoprogram.com. The body starts here after the Metadata. And the closing body tag is not showing because there's a lot of HTML on this page. Here is an <h1> header element, here is the first <div> on the page. It uses the CSS class title bar. [Hopefully, the layout of a webpage's HTML makes more sense now.](#)

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