

HTML and CSS

Creativity Through Code

2015-10-30

Abstract

After the introducing the essentials of web development, we will be learning how we can create a beautiful static website using HTML and CSS.

1 HTML

Tag	Description
<code><!--...--></code>	Defines a comment
<code><!DOCTYPE></code>	Defines the document type
<code><a></code>	Defines a hyperlink
<code><abbr></code>	Defines an abbreviation or an acronym
<code><address></code>	Defines contact information for the author/owner of a document
<code><area></code>	Defines an area inside an imagemap
<code></code>	Defines bold text
<code><base></code>	Specifies the base URL/target for all relative URLs in a document
<code><bdo></code>	Overrides the current text direction
<code><blockquote></code>	Defines a section that is quoted from another source
<code><body></code>	Defines the document's body
<code>
</code>	Defines a single link break
<code><button></code>	Defines a clickable button
<code><caption></code>	Defines a table caption
<code><cite></code>	Defines the title of a work
<code><code></code>	Defines a piece of computer code
<code><col></code>	Specifies column properties for each column within a <code><colgroup></code> element
<code><colgroup></code>	Specifies a group of one or more columns in a table for formatting
<code><dd></code>	Defines a description/value of a term in a dscription list

<code></code>	Defines text that has been deleted from a document
<code><dfn></code>	Represents the defining instance of a term
<code><div></code>	Defines a section of a document
<code><dl></code>	Defines a description list
<code><dt></code>	Defines a term/name in a description list
<code></code>	Defines emphasized text
<code><fieldset></code>	Groups related elements in a form
<code><footer></code>	Defines a footer for a document or section
<code><form></code>	Defines a HTML form for user input
<code><h1> to <h6></code>	Defines HTML headings
<code><head></code>	Defines information about the document
<code><header></code>	Defines a header for a document or section
<code><hr></code>	Defines a thematic change in the content
<code><html></code>	Defines the root of an HTML document
<code><i></code>	Defines a part of text in italics
<code><iframe></code>	Defines an inline frame
<code></code>	Defines an image
<code><input></code>	Defines an input control
<code><ins></code>	Defines a text that has been inserted into a document
<code><kbd></code>	Defines keyboard input
<code><label></code>	Defines a label for an <code><input></code> element
<code><legend></code>	Defines a caption for a <code><fieldset></code> element
<code></code>	Defines a list item
<code><link></code>	Defines relationship between document and external resource
<code><map></code>	Defines a client-side image-map
<code><menu></code>	Defines a list/menu of commands
<code><menuitem></code>	Defines a menu/command item

<meta>	Defines metadata about an HTML document
<meter>	Defines a scalar measurement within a known range
<nav>	Defines navigation links
<noscript>	Defines an alternate content for users
<object>	Defines an embedded object
	Defines an ordered list
<optgroup>	Defines a group of related option in a drop-down list
<option>	Defines an option in a drop-down list
<p>	Defines a paragraph
<param>	Defines a parameter for an object
<pre>	Defines preformatted text
<q>	Defines a short quotation
<s>	Defines text that is no longer correct
<samp>	Defines sample output from a computer program
<script>	Defines a client-side script
<select>	Defines a drop-down list
<small>	Defines smaller text
	Defines a section in a document
	Defines important text
<style>	Defines style information for a document
<sub>	Defines subscripted text
<sup>	Defines superscripted text
<table>	Defines a table
<tbody>	Groups a body content in a table
<td>	Defines a cell in a table
<textarea>	Defines a multiline input control
<tfoot>	Groups the footer content in table
<th>	Defines a header cell in a table

<code><thead></code>	Groups the header content in a table
<code><title></code>	Defines a title for the document
<code><tr></code>	Defines a row in a table
<code><u></code>	Defines underlined text
<code></code>	Defines an unordered list
<code><var></code>	Defines a variable

Table 1: Tag Descriptions

2 CSS

3 Layout

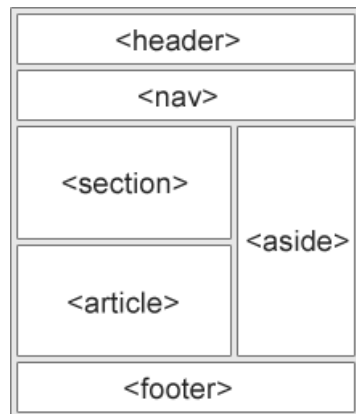


Figure 1: Layout Diagram

Table 2: Tag Definition

Tag	Definition
<code><header></code>	Defines a header for a document or a section
<code><nav></code>	Defines a container for navigation links
<code><section></code>	Defines a section in a document
<code><aside></code>	Defines a sidebar (content aside from the container)
<code><details></code>	Defines additional details
<code><summary></code>	Defines a heading for the details element