



HTML stands for HyperText Markup Language. HTML is the basic building block of World Wide Web.

HTML5 Boilerplate / Basic HTML5 Structure

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<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>A Simple HTML Document</title>

  </head>

  <body>

    </body>

</html>
```

Basic HTML

Tag	Description
<u><!DOCTYPE></u>	Defines the document type
<u><html></u>	Defines an HTML document
<u><head></u>	Contains metadata/information for the document
<u><title></u>	Defines a title for the document
<u><body></u>	Defines the document's body
<u><h1> to <h6></u>	Defines HTML headings
<u><p></u>	Defines a paragraph
<u>
</u>	Inserts a single line break
<u><hr></u>	Defines a thematic change in the content
<u><!--...--></u>	Defines a comment

Formatting

Tag	Description
<u><acronym></u>	Not supported in HTML5. Use <abbr> instead. Defines an acronym
<u><abbr></u>	Defines an abbreviation or an acronym
<u><address></u>	Defines contact information for the author/owner of a document/article
<u></u>	Defines bold text
<u><bdi></u>	Isolates a part of text that might be formatted in a different direction from other text outside it
<u><bdo></u>	Overrides the current text direction
<u><big></u>	Not supported in HTML5. Use CSS instead. Defines big text
<u><blockquote></u>	Defines a section that is quoted from another source
<u><center></u>	Not supported in HTML5. Use CSS instead. Defines centered text
<u><cite></u>	Defines the title of a work
<u><code></u>	Defines a piece of computer code
<u></u>	Defines text that has been deleted from a document
<u><dfn></u>	Specifies a term that is going to be defined within the content
<u></u>	Defines emphasized text
<u></u>	Not supported in HTML5. Use CSS instead. Defines font, color, and size for text
<u><i></u>	Defines a part of text in an alternate voice or mood
<u><ins></u>	Defines a text that has been inserted into a document
<u><kbd></u>	Defines keyboard input
<u><mark></u>	Defines marked/highlighted text
<u><meter></u>	Defines a scalar measurement within a known range (a gauge)
<u><pre></u>	Defines preformatted text
<u><progress></u>	Represents the progress of a task
<u><q></u>	Defines a short quotation
<u><rp></u>	Defines what to show in browsers that do not support ruby annotations
<u><rt></u>	Defines an explanation/pronunciation of characters (for East Asian typography)
<u><ruby></u>	Defines a ruby annotation (for East Asian typography)
<u><s></u>	Defines text that is no longer correct
<u><samp></u>	Defines sample output from a computer program
<u><small></u>	Defines smaller text
<u><strike></u>	Not supported in HTML5. Use or <s> instead. Defines strikethrough text
<u></u>	Defines important text
<u><sub></u>	Defines subscripted text
<u><sup></u>	Defines superscripted text
<u><template></u>	Defines a container for content that should be hidden when the page loads
<u><time></u>	Defines a specific time (or datetime)
<u><tt></u>	Not supported in HTML5. Use CSS instead. Defines teletype text
<u><u></u>	Defines some text that is unarticulated and styled differently from normal text
<u><var></u>	Defines a variable
<u><wbr></u>	Defines a possible line-break

Forms and Input

Tag	Description
<u><form></u>	Defines an HTML form for user input
<u><input></u>	Defines an input control
<u><textarea></u>	Defines a multiline input control (text area)
<u><button></u>	Defines a clickable button
<u><select></u>	Defines a drop-down list
<u><optgroup></u>	Defines a group of related options in a drop-down list
<u><option></u>	Defines an option in a drop-down list
<u><label></u>	Defines a label for an <input> element
<u><fieldset></u>	Groups related elements in a form
<u><legend></u>	Defines a caption for a <fieldset> element
<u><datalist></u>	Specifies a list of pre-defined options for input controls
<u><output></u>	Defines the result of a calculation

Frames

Tag	Description
<u><frame></u>	Not supported in HTML5. Defines a window (a frame) in a frameset
<u><frameset></u>	Not supported in HTML5. Defines a set of frames
<u><noframes></u>	Not supported in HTML5. Defines an alternate content for users that do not support frames
<u><iframe></u>	Defines an inline frame

Images

Tag	Description
<u></u>	Defines an image
<u><map></u>	Defines a client-side image map
<u><area></u>	Defines an area inside an image map
<u><canvas></u>	Used to draw graphics, on the fly, via scripting (usually JavaScript)
<u><figcaption></u>	Defines a caption for a <figure> element
<u><figure></u>	Specifies self-contained content
<u><picture></u>	Defines a container for multiple image resources
<u><svg></u>	Defines a container for SVG graphics

Audio / Video

Tag	Description
<u><audio></u>	Defines sound content
<u><source></u>	Defines multiple media resources for media elements (<video>, <audio> and <picture>)
<u><track></u>	Defines text tracks for media elements (<video> and <audio>)
<u><video></u>	Defines a video or movie

Links

Tag	Description
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<u><a></u>	Defines a hyperlink
<u><link></u>	Defines the relationship between a document and an external resource (most used to link to style sheets)
<u><nav></u>	Defines navigation links

Lists

Tag	Description
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<u></u>	Defines an unordered list
<u></u>	Defines an ordered list
<u></u>	Defines a list item
<u><dir></u>	Not supported in HTML5. Use instead. Defines a directory list
<u><dl></u>	Defines a description list
<u><dt></u>	Defines a term/name in a description list
<u><dd></u>	Defines a description of a term/name in a description list

Tables

Tag	Description
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<u><table></u>	Defines a table
<u><caption></u>	Defines a table caption
<u><th></u>	Defines a header cell in a table
<u><tr></u>	Defines a row in a table
<u><td></u>	Defines a cell in a table
<u><thead></u>	Groups the header content in a table
<u><tbody></u>	Groups the body content in a table
<u><tfoot></u>	Groups the footer content in a table
<u><col></u>	Specifies column properties for each column within a <colgroup> element
<u><colgroup></u>	Specifies a group of one or more columns in a table for formatting

Styles and Semantics

Tag	Description
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<u><style></u>	Defines style information for a document
<u><div></u>	Defines a section in a document
<u></u>	Defines a section in a document
<u><header></u>	Defines a header for a document or section
<u><footer></u>	Defines a footer for a document or section
<u><main></u>	Specifies the main content of a document
<u><section></u>	Defines a section in a document
<u><article></u>	Defines an article
<u><aside></u>	Defines content aside from the page content
<u><details></u>	Defines additional details that the user can view or hide
<u><dialog></u>	Defines a dialog box or window
<u><summary></u>	Defines a visible heading for a <details> element
<u><data></u>	Adds a machine-readable translation of a given content

Meta Info

Tag	Description
<u><head></u>	Defines information about the document
<u><meta></u>	Defines metadata about an HTML document
<u><base></u>	Specifies the base URL/target for all relative URLs in a document
<u><basefont></u>	Not supported in HTML5. Use CSS instead. Specifies a default color, size, and font for all text in a document

Programming

Tag	Description
<u><script></u>	Defines a client-side script
<u><noscript></u>	Defines an alternate content for users that do not support client-side scripts
<u><applet></u>	Not supported in HTML5. Use <embed> or <object> instead. Defines an embedded applet
<u><embed></u>	Defines a container for an external (non-HTML) application
<u><object></u>	Defines an embedded object
<u><param></u>	Defines a parameter for an object