Document Outline

<!DOCTYPE>	Version of (X)HTML
<html>	HTML document
<head>	Page information
<body>	Page contents
<!-- -->	Comments

Page Information

<base />	Base URL
<meta />	Meta data
<title>	Title
<link />	link to CSS
<style>	Insert CSS
<script>	Insert JavaScript

Document Structure

<h[1-6]>	Heading
-> h1 most important, h6 least important	
<div>	Page section
<span>	Inline section
<p>	Paragraph
** ** or ** **	Line break
<hr /> or **<hr>**	Horizontal rule

Anchors (link)

<a href="URL">	anchor (link)
Absolute links - "https://www.example.com" Relative links - "example.html" Root-relative links - "/page"	
<a href="mailto:">	Email link
<a href="tel:">	Phone dial link
<a id="name">	Anchor
<a href="#name">	Link to anchor
<a target="_value">	specifies link location

Anchors (link) (cont)

_blank - in a new window or tab
_self - in the same window/tab (default)
_parent - in the parent frame
_top - in the full body of the window
framename - in a named frame

<a title="title">	

specifies extra information about an element that shown as a tooltip text when the mouse moves over the element.

<a download> or **<a download="name">**	

Specifies that the target will be downloaded. The value of the attribute will be the name of the downloaded file. If the value is omitted, the original filename is used.

<a hreflang="language_code">	

Specifies the language of anchor linked

<a rel="value">	

specifies relationship with current document

Favicon (shortcut icon)

<link rel="shortcut icon" type="image/x-icon" href="favicon.ico" />	

Include an icon in the title.

Uniform Resource Locators (URL)

Scheme	Short for	Used for
http	HyperText Transfer Protocol	Common web pages. Not encrypted
https	Secure HyperText Transfer Protocol	Secure web pages. Encrypted
ftp	File Transfer Protocol	Downloading or uploading files
file		A file on your computer

Form

<form *action*="URL" *method*="get | post">	Form
<label *for*="id">	Label
<input />	form input
attribute: **maxlength**	maximum length of input
attribute: **name**	name for input
attribute: **placeholder**	placeholder for input

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Form (cont)

attribute: **type**="text"	Text Input
attribute: **type**="password"	Password Input
attribute: **type**="hidden"	Hidden input
attribute: **type**="date"	Date Input
attribute: **type**="file"	File input
attribute: **type**="submit"	Submit button
attribute: **type**="image" src="URL" width=" " height=" "	Image submit button
attribute: **type**="email"	Email input
attribute: **type**="url"	URL input
attribute: **type**="search"	Search input
Radio button and Checkbox	
attribute: **type**="radio" value=" "	Radio button
attribute: **type**="checkbox" value=" "	Checkbox
attribute: **checked**="checked"	pre-checked input
Drop Down List Box	
‹**select**›	Drop Down List Box
‹**select** size="#" *multiple*="multiple"›	Multiple Select Box
‹**option** value=" "›	option for drop-down list
attribute: **required**="required"	Form Validation
‹**button** *type*="button"›	button
‹**fieldset**›	Grouping Form Elements
‹**legend**›	caption

‹meta› name Attribute

‹meta name="value"›
‹**meta** *name*="author" *content*=" "›
‹**meta** *name*="description" *content*=" "›
‹**meta** *name*="generator" *content*=" "›
‹**meta** *name*="keywords" *content*=" , , "›
‹**meta** *name*="viewport" *content*=" "›

Other Tags

‹**embed** *type*=" " *src*=" "›	External application
‹**nav**›	navigation section
‹**header**›	Header section
‹**footer**›	Footer section
attribute: **contenteditable**="true"	Allow editable areas
attribute: **spellcheck**="true"	Allow spell check areas

Lists

‹**ol**›	Ordered list

‹**ol** *type*="1|a|A|i|I"›

1 Default value Decimal numbers 1,2,3,4
a Alphabetically ordered (lowercase) a,b,c,d
A Alphabetically ordered (uppercase) A,B,C,D
i Roman Numerals (lowercase) i,ii,iii,iv
I Roman Numerals (uppercase) I,II,III,IV

‹**ol** *start*="number"›

Define the number the list will start with

‹**li** *value*="number"›‹/li›

Overwrite the number the list will display

‹**ul**›	Unordered list
‹**li**›	List item
‹**dl**›	Definition list
‹**dt**›	Definition term
‹**dd**›	Term description

Text Formatting

‹**strong**› or ‹**b**›	Important text (bold)
‹**em**› or ‹**i**›	*Emphasized text*
‹**small**›	smaller text
‹**mark**›	highlighted text
‹**del**›	~~deleted~~ text
‹**ins**›	Inserted text
‹**sub**›	subscripted text
‹**sup**›	superscripted text

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Quotation and Citation Elements

<q>	Short quotation
<blockquote cite="URL">	Long quotation
<abbr title=" ">	Abbreviation
<address>	Address
<cite>	Citation
<bdo dir="value"> value = **rtl** or **ltr**	Bi-directional override
<pre>	Preformatted text
<dfn>	Defining a term
<code>	Code
<var>	Variable
<kbd>	Keyboard input
<samp>	Sample output

Tables

<table>	Table
<caption>	Caption
<thead>	Table header
<tbody>	Table body
<tfoot>	Table footer
<colgroup>	Column group
<col>	Column
<tr>	Table row
<th>	Header cell
<td>	Table cell
<td colspan="#">	Spanning column
<td rowspan="#">	Spanning row

Image Map

```
<img src="URL" usemap="#shapes">
<map name="shapes">
  <area shape="polygon" coords=" , , ">
  <area shape="rectangle" coords=", , ">
  <area shape="circle" coords=" , , ">
</map>
```

Images

<img />	Image
<figure>	Contain images and caption
<figcaption>	caption of image

Attribute of image:
src="URL" **alt**="..." **title**="..."
width="px" **height**="px"

Common Character Entities

"	"	Quotation mark
&	&	Ampersand
<	<	Less than
>	>	Greater than
@	@	"At" symbol
€	€	Euro
•	•	Small bullet
™	™	Trademark
£	£	Pound
		Non-breaking space
©	©	Copyright symbol

Core Attributes

class=" "	Indicates Class (non-unique)
id=" "	Indicates ID (unique)

The only restrictions on the value of an id and class are:
- it must not contain any space characters
- it must contain at least one character
- It must begin with a letter, which may followed only by:
  letters (A-Z/a-z),
  hyphens ("-"),
  colons (":"),
  digits (0-9),
  underscores ("_"),
  periods (".")

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JavaScript

<script src="URL"></script>

Include JS

<script src="URL" async> </script>

Once JS is fully downloaded, it will interrupt the HTML parsing in order to parse the Javascript file

<script src="URL" defer> </script>

HTML parsing will only be performed once the HTML is fully parsed.

<noscript> JavaScript disabled **</noscript>**

The content of ‹noscript› is displayed whenever Javascript is disabled for the current page.

Media Elements

‹**audio** *controls*›	Audio
‹**source** *src*=" " *type*="audio/mpeg">	
‹**video** *width*=" " *height*=" " *controls*›	Video
‹**source** *src*=" " *type*="video/mp4">	

Browser will display the word between media tags when media is not supported.

<meta> http-equiv Attribute

<meta http-equiv="content-type|default-style|refresh">

<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<meta http-equiv="default-style" content="title of preferred stylesheet">
<meta http-equiv="refresh" content="300">