HTML5 – All Tags Explained (Printable Guide)

Beginner to Interview Level Reference

Root & Basic Tags

<!DOCTYPE html> : Defines the document type and HTML5 version.
<html> : Root element of the HTML document.
<head> : Contains metadata and links.
<title> : Sets browser tab title.
<body> : Contains all visible page content.

Metadata Tags

<meta> : Defines metadata like charset, viewport, SEO.
<link> : Links external resources like CSS.
<style> : Internal CSS styling.
<script> : JavaScript code.
<base> : Base URL for relative links.
<noscript> : Content shown when JS is disabled.

Layout / Semantic Tags

<header> : Top section of page or section.
<nav> : Navigation links container.
<main> : Main content of the page.
<section> : Grouped related content.
<article> : Independent reusable content.
<aside> : Sidebar or extra content.
<footer> : Footer section.
<address> : Contact information.

Text Content Tags

<h1>–<h6> : Headings from largest to smallest.
<p> : Paragraph text.
**
** : Line break.
<hr> : Thematic horizontal line.
<pre> : Preformatted text.
<blockquote> : Block quotation.
<q> : Inline quotation.

Text Formatting Tags

<b> : Bold text (visual).
<strong> : Important text (semantic).
<i> : Italic text.
<em> : Emphasized text.
<u> : Underline text.
<mark> : Highlighted text.

\<small\> : Smaller text.
\<del\> : Deleted text.
\<ins\> : Inserted text.
\<sub\> : Subscript text.
\<sup\> : Superscript text.
\<code\> : Inline code.
\<kbd\> : Keyboard input.
\<span\> : Inline container.

Links & Media

\<a\> : Creates hyperlinks.
\<img\> : Displays images.
\<picture\> : Responsive images.
\<source\> : Media source.
\<figure\> : Media container.
\<figcaption\> : Media caption.

Lists

\<ul\> : Unordered list.
\<ol\> : Ordered list.
\<li\> : List item.
\<dl\> : Description list.
\<dt\> : Term name.
\<dd\> : Term description.

Tables

\<table\> : Table container.
\<caption\> : Table title.
\<thead\> : Table header.
\<tbody\> : Table body.
\<tfoot\> : Table footer.
\<tr\> : Table row.
\<th\> : Header cell.
\<td\> : Data cell.

Forms & Inputs

\<form\> : Form container.
\<input\> : User input field.
\<textarea\> : Multi-line input.
\<button\> : Clickable button.
\<select\> : Dropdown list.
\<option\> : Dropdown option.
\<label\> : Input label.
\<fieldset\> : Group inputs.
\<legend\> : Fieldset title.
\<progress\> : Progress indicator.
\<meter\> : Measurement gauge.

Embedded & Interactive

<iframe> : Embed webpage.
<canvas> : Draw graphics via JS.
<svg> : Vector graphics.
<details> : Expandable content.
<summary> : Details heading.
<dialog> : Popup dialog box.

Deprecated Tags

<font> : Deprecated – use CSS.
<center> : Deprecated – use CSS.
<marquee> : Deprecated animation tag.
<frameset> : Removed in HTML5.