

LEVEL 1: HTML Basics (Beginner)

Goal: Understand core structure and basic tags

1. What is HTML
 2. History of HTML & HTML versions
 3. HTML document structure
 - `<!DOCTYPE>`
 - `<html>`, `<head>`, `<body>`
 4. HTML elements & tags
 5. Attributes (global & element-specific)
 6. Headings (`<h1>` – `<h6>`)
 7. Paragraphs & line breaks (`<p>`, `
`, `<hr>`)
 8. Text formatting
 - ``, `<i>`, `<u>`, ``, ``
 9. Comments in HTML
 10. HTML entities
 11. Whitespace handling
 12. Case sensitivity in HTML
 13. Basic HTML file creation
 14. Browser rendering basics
 15. HTML validation basics
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LEVEL 2: Links, Media & Lists (Basic)

Goal: Build content-rich pages

1. Anchor tag (`<a>`)
 - absolute vs relative URLs
 2. Target attribute
 3. Image tag (``)
 4. Image attributes (`src`, `alt`, `width`, `height`)
 5. Audio tag (`<audio>`)
 6. Video tag (`<video>`)
 7. Embedding external content
 8. Ordered lists (``)
 9. Unordered lists (``)
 10. Description lists (`<dl>`)
 11. Nested lists
 12. Favicons
 13. `<figure>` & `<figcaption>`
 14. `<iframe>`
 15. Accessibility basics for media
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LEVEL 3: Tables & Forms (Intermediate)

Goal: Work with structured data & user input

Tables

1. <table>, <tr>, <td>, <th>
2. Table captions
3. Table headers & footers
4. rowspan & colspan
5. Table semantics

Forms

6. <form> element
 7. Form attributes (action, method)
 8. Input types
 - o text, email, password, number
 9. Radio & checkbox
 10. Select & option
 11. Textarea
 12. Label association
 13. Button types
 14. Required & readonly attributes
 15. Form validation basics
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LEVEL 4: HTML5 Semantic Elements (Advanced)

Goal: Write clean, meaningful, SEO-friendly HTML

1. What is HTML5
 2. Semantic vs non-semantic elements
 3. <header>
 4. <nav>
 5. <section>
 6. <article>
 7. <aside>
 8. <footer>
 9. <main>
 10. <time>
 11. <mark>
 12. <details> & <summary>
 13. <progress> & <meter>
 14. HTML5 form enhancements
 15. SEO importance of semantics
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LEVEL 5: Accessibility, SEO & Best Practices (Professional)

Goal: Industry-grade HTML usage

1. Web accessibility (WCAG basics)
 2. ARIA roles
 3. alt text best practices
 4. Semantic HTML for screen readers
 5. Meta tags
 - charset
 - viewport
 - description
 6. Open Graph tags
 7. SEO-friendly structure
 8. Heading hierarchy rules
 9. Clean & readable HTML
 10. Inline vs block elements
 11. Deprecated tags
 12. Cross-browser compatibility
 13. Performance considerations
 14. HTML linting tools
 15. Code maintainability
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LEVEL 6: Expert HTML & Integration (Expert / Interview Level)

Goal: Master HTML in real-world environments

1. HTML with CSS integration
2. HTML with JavaScript integration
3. Data attributes (data-*)
4. HTML templating basics
5. HTML in frameworks (React/Vue usage)
6. Shadow DOM overview
7. Web Components basics
8. Custom elements
9. Progressive enhancement
10. Graceful degradation
11. HTML security concerns
12. XSS prevention basics
13. HTML forms with backend
14. HTML optimization techniques
15. Real-world HTML interview scenarios