

# HTML Interview Questions (1–25)

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## 1. What is the difference between `<div>` and `<span>` elements in HTML?

- **Context:** Used for structuring content.
  - **Explanation:** `<div>` is block-level, `<span>` is inline.
  - **Example:** `html <div>This is a block-level element</div> <span>This is an inline element</span>`
  - **Interview Frequency:** ★★★★★☆
  - **Companies:** Google, Meta, Amazon, TCS, Cognizant, Wipro, Accenture
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## 2. Explain semantic HTML and why it is important.

- **Context:** Accessibility and SEO.
  - **Explanation:** Uses tags like `<article>`, `<nav>`, `<header>` to convey meaning.
  - **Example:** `html <article> <header>News Title</header> <p>Article content goes here.</p> </article>`
  - **Interview Frequency:** ★★★★★★
  - **Companies:** Google, Microsoft, IBM, Adobe, Oracle, Flipkart
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## 3. What is the purpose of the `<!DOCTYPE html>` declaration?

- **Context:** HTML document structure.
  - **Explanation:** Tells browser to use HTML5 rendering mode.
  - **Example:** `html <!DOCTYPE html>`
  - **Interview Frequency:** ★★★★★☆
  - **Companies:** Infosys, SAP, Zoho, Capgemini, LinkedIn
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## 4. How do you include a favicon in an HTML document?

- **Context:** Enhances brand identity.
  - **Example:** `html <link rel="icon" href="/favicon.ico" type="image/x-icon" />`
  - **Interview Frequency:** ★★★★★☆
  - **Companies:** Amazon, Adobe, IBM, Swiggy, Zomato
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## 5. What are data-\* attributes in HTML?

- **Context:** Store extra information.
  - **Explanation:** Access with `dataset` in JS.
  - **Example:** `html <div data-user-id="123" data-role="admin"></div> <script> const div = document.querySelector('div'); console.log(div.dataset.userId); </script>`
  - **Interview Frequency:** ★★★★★☆
  - **Companies:** Paytm, Ola, Google, IBM, TCS
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## 6. What is the difference between `<strong>` and `<b>` tags?

- **Explanation:**
    - `<b>` = bold styling.
    - `<strong>` = semantic emphasis.
  - **Example:** `html <b>Bold</b> <strong>Strong emphasis</strong>`
  - **Interview Frequency:** ★★★★★☆
  - **Companies:** Flipkart, Swiggy, PayPal, Salesforce
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## 7. How does the `defer` attribute in script tags work?

- **Explanation:** Delays script execution until after parsing HTML.
- **Example:** `html <script src="app.js" defer></script>`
- **Interview Frequency:** ★★★★★☆

- **Companies:** Microsoft, Google, Paytm, Oracle

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## 8. What is the purpose of the `alt` attribute in `<img>` tags?

- **Context:** Accessibility.
- **Example:** `html `
- **Interview Frequency:** ★★★★★
- **Companies:** Apple, Google, Infosys, IBM, Wipro

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## 9. Explain the difference between `id` and `class` attributes.

- **Explanation:**
  - `id` : unique.
  - `class` : reusable.
- **Example:** `html <div id="main-content"></div> <div class="card"></div>`
- **Interview Frequency:** ★★★★★
- **Companies:** TCS, Capgemini, Adobe, Amazon, Zoho

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## 10. What is the role of the `<meta charset="UTF-8">` tag?

- **Explanation:** Enables proper character encoding.
- **Example:** `html <meta charset="UTF-8" />`
- **Interview Frequency:** ★★★☆☆
- **Companies:** Google, Oracle, Infosys, Mindtree

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## 11. What is the difference between `localStorage` and `sessionStorage` ?

- **Explanation:**
  - `localStorage` : persists.
  - `sessionStorage` : expires on tab close.
- **Example:** `js localStorage.setItem('name', 'John'); sessionStorage.setItem('token', 'abc123');`
- **Interview Frequency:** ★★★★★☆
- **Companies:** Microsoft, Amazon, Paytm, Zoho

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## 12. What is ARIA in HTML and when should you use it?

- **Explanation:** Improves accessibility of custom elements.
- **Example:** `html <button aria-label="Close modal">X</button>`
- **Interview Frequency:** ★★★★★☆
- **Companies:** Google, Meta, Accenture, IBM, Adobe

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## 13. What is the use of the `<fieldset>` and `<legend>` tags?

- **Explanation:** Groups form controls with caption.
- **Example:** `html <fieldset> <legend>Personal Info</legend> <label>Name: <input type="text" /></label> </fieldset>`
- **Interview Frequency:** ★★☆☆☆
- **Companies:** Wipro, TCS, Zoho

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## 14. How do you make a form submit without refreshing the page?

- **Explanation:** Use JavaScript to handle submission.
- **Example:**  
`html <form id="myForm"> <input name="email" /> <button type="submit">Send</button> </form> <script> document.getElementById( 'my`
- **Interview Frequency:** ★★★★★
- **Companies:** Amazon, Google, Paytm, Flipkart, Ola

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## 15. Difference between `<script>` in `<head>` vs `<body>` ?

- **Explanation:**
    - `<head>` blocks rendering unless deferred.
    - `<body>` allows immediate DOM access.
  - **Interview Frequency:** ★★★★★☆
  - **Companies:** Adobe, Capgemini, SAP, Microsoft
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## 16. What are void elements in HTML?

- **Explanation:** No closing tag required (e.g., `<br>`, `<img>`, `<hr>` ).
  - **Interview Frequency:** ★★★★★☆
  - **Companies:** Oracle, Wipro, Infosys
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## 17. How can you disable auto-complete in an HTML form?

- **Explanation:** Use `autocomplete="off"` .
  - **Example:** `html <form autocomplete="off"> <input name="email" /> </form>`
  - **Interview Frequency:** ★★★★★☆
  - **Companies:** Paytm, Swiggy, Zomato
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## 18. What is the default method for form submission?

- **Explanation:** Defaults to `GET` if `method` is not specified.
  - **Example:** `html <form action="/search"> <input name="q" /> </form>`
  - **Interview Frequency:** ★★★★★☆
  - **Companies:** TCS, HCL, IBM
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## 19. How to make an element focusable using HTML?

- **Explanation:** Use `tabindex="0"` .
  - **Example:** `html <div tabindex="0">Focusable</div>`
  - **Interview Frequency:** ★★★★★☆
  - **Companies:** Google, Adobe, Flipkart
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## 20. How do you embed a YouTube video in HTML?

- **Explanation:** Use an `<iframe>` .
  - **Example:**  
`html <iframe width="560" height="315" src="https://www.youtube.com/embed/xyz123" frameborder="0" allowfullscreen></iframe>`
  - **Interview Frequency:** ★★★★★☆
  - **Companies:** Infosys, Paytm, Capgemini
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## 21. Difference between `<link>` and `<style>` tags?

- **Explanation:**
    - `<link>` links external CSS.
    - `<style>` embeds internal CSS.
  - **Example:** `html <link rel="stylesheet" href="styles.css" /> <style> body { background: #fff; } </style>`
  - **Interview Frequency:** ★★★★★☆
  - **Companies:** Zoho, TCS, Cognizant
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## 22. Can an HTML element have multiple classes?

- **Explanation:** Yes, space-separated class names.
  - **Example:** `html <div class="card shadow-lg rounded"></div>`
  - **Interview Frequency:** ★★★★★☆
  - **Companies:** IBM, Zoho, Accenture, Flipkart
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## 23. How do you set a default value for a text input?

- **Example:** `html <input type="text" value="John Doe" />`
- **Interview Frequency:** ★★☆☆☆
- **Companies:** Wipro, HCL, Zomato

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## 24. What is the use of the `<base>` tag in HTML?

- **Explanation:** Sets base URL for relative links.
- **Example:** `html <base href="https://example.com/" /> <a href="about">About</a>`
- **Interview Frequency:** ★★☆☆☆
- **Companies:** Oracle, SAP

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## 25. What is the difference between `<button>` and `<input type="submit">` ?

- **Explanation:**
  - `<button>` : customizable with inner HTML.
  - `<input type="submit">` : simpler, no children.
- **Example:** `html <button type="submit"><strong>Send</strong></button> <input type="submit" value="Send" />`
- **Interview Frequency:** ★★★★★
- **Companies:** Flipkart, Zoho, Infosys

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# HTML Interview Questions (26–50)

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## 26. What is the difference between `<em>` and `<i>` tags?

- **Explanation:**
  - `<i>` applies italic styling.
  - `<em>` emphasizes text semantically (used by screen readers).
- **Example:** `html <i>Italic text</i> <em>Emphasized text</em>`
- **Interview Frequency:** ★★☆☆☆
- **Companies:** Adobe, IBM, Infosys, Wipro, SAP

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## 27. How can you make an image responsive using HTML?

- **Explanation:** Set width to 100% and height to auto.
- **Example:** `html `
- **Interview Frequency:** ★★★★★
- **Companies:** Google, Flipkart, Swiggy, Zomato, Capgemini

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## 28. What does the `target="_blank"` attribute do in `<a>` tags?

- **Explanation:** Opens link in a new browser tab.
- **Example:** `html <a href="https://example.com" target="_blank">Visit</a>`
- **Interview Frequency:** ★★★★★
- **Companies:** TCS, IBM, Paytm, Salesforce

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## 29. What are custom elements in HTML?

- **Explanation:** User-defined elements using Web Components API.
- **Example:** `html <my-widget></my-widget>`
- **Interview Frequency:** ★★☆☆☆
- **Companies:** Google, Oracle, Amazon, Flipkart

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## 30. How to include a script after DOM is fully loaded?

- **Explanation:** Use `DOMContentLoaded` event or `defer`.
  - **Example:** `html <script> document.addEventListener('DOMContentLoaded', () => { console.log('DOM ready'); }); </script>`
  - **Interview Frequency:** ★★★★★
  - **Companies:** Microsoft, Meta, Google, Ola, TCS
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### 31. What is the use of the `<template>` tag in HTML?

- **Explanation:** Holds inert DOM for later rendering via JavaScript.
  - **Example:** `html <template id="card"> <div class="user-card">...</div> </template>`
  - **Interview Frequency:** ★★★☆☆
  - **Companies:** Adobe, Google, Amazon, Infosys
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### 32. What's the use of the `download` attribute in an `<a>` tag?

- **Explanation:** Prompts download instead of navigation.
  - **Example:** `html <a href="report.pdf" download>Download PDF</a>`
  - **Interview Frequency:** ★★★☆☆
  - **Companies:** Wipro, TCS, Cognizant, Flipkart
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### 33. How do you create a dropdown in HTML?

- **Example:** `html <select> <option value="html">HTML</option> <option value="css">CSS</option> </select>`
  - **Interview Frequency:** ★★★☆☆
  - **Companies:** Paytm, Capgemini, Zoho, Infosys
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### 34. What is the `<noscript>` tag used for?

- **Explanation:** Provides fallback for users with JavaScript disabled.
  - **Example:** `html <noscript>Your browser does not support JavaScript!</noscript>`
  - **Interview Frequency:** ★★★☆☆
  - **Companies:** Google, Oracle, Wipro, HCL
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### 35. How do you make a radio button pre-selected?

- **Example:** `html <input type="radio" name="gender" value="male" checked /> Male`
  - **Interview Frequency:** ★★★☆☆
  - **Companies:** Zoho, TCS, Cognizant
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### 36. What is the difference between `<ul>`, `<ol>`, and `<dl>` ?

- **Explanation:**
    - `<ul>` : unordered list
    - `<ol>` : ordered list
    - `<dl>` : definition list
  - **Example:** `html <ul><li>Item</li></ul> <ol><li>First</li></ol> <dl><dt>HTML</dt><dd>Markup Language</dd></dl>`
  - **Interview Frequency:** ★★★☆☆
  - **Companies:** Infosys, SAP, Zoho
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### 37. Can you nest forms in HTML?

- **Explanation:** No, nesting forms is not allowed in HTML5.
  - **Interview Frequency:** ★★★☆☆
  - **Companies:** TCS, IBM, Adobe
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### 38. What is the `autocomplete` attribute in forms?

- **Explanation:** Enables/disables browser autofill.
  - **Example:** `html <input type="text" autocomplete="on" />`
  - **Interview Frequency:** ★★★☆☆
  - **Companies:** Wipro, Capgemini, Swiggy
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### 39. How do you make a checkbox selected by default?

- **Example:** `html <input type="checkbox" checked />`

- Interview Frequency: ★★☆☆☆
- Companies: IBM, Zoho, Oracle

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#### 40. What is the difference between `minlength` and `maxlength` in inputs?

- Example: `html <input type="text" minlength="3" maxlength="10" />`
- Interview Frequency: ★★☆☆☆
- Companies: Capgemini, Infosys, Paytm

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#### 41. How do you disable an input field in HTML?

- Example: `html <input type="text" disabled />`
- Interview Frequency: ★★☆☆☆
- Companies: TCS, Wipro, Swiggy

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#### 42. What is the purpose of the `required` attribute?

- Example: `html <input type="email" required />`
- Interview Frequency: ★★★★★☆
- Companies: Google, Paytm, Capgemini

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#### 43. How do you create a hidden input field?

- Example: `html <input type="hidden" name="token" value="abc123" />`
- Interview Frequency: ★★☆☆☆
- Companies: Adobe, Zoho, IBM

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#### 44. What's the difference between `readonly` and `disabled` ?

- Explanation:
  - `readonly` : value is sent with form.
  - `disabled` : value is not submitted.
- Example: `html <input type="text" readonly value="Read only" /> <input type="text" disabled value="Disabled" />`
- Interview Frequency: ★★★★★☆
- Companies: Microsoft, Google, Flipkart

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#### 45. What does `novalidate` do in a form?

- Explanation: Disables native validation.
- Example: `html <form novalidate> <input type="email" required /> </form>`
- Interview Frequency: ★★☆☆☆
- Companies: Zoho, TCS

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#### 46. How do you group radio buttons?

- Explanation: Use the same `name` attribute.
- Example: `html <input type="radio" name="gender" value="male" /> <input type="radio" name="gender" value="female" />`
- Interview Frequency: ★★☆☆☆
- Companies: Cognizant, Infosys, IBM

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#### 47. What is the `accept` attribute in file inputs?

- Example: `html <input type="file" accept=".jpg, .png" />`
- Interview Frequency: ★★☆☆☆
- Companies: Paytm, Oracle, Google

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#### 48. How do you create an email input field?

- Example: `html <input type="email" name="user_email" />`

- **Interview Frequency:** ★★★★★☆
- **Companies:** Flipkart, Adobe, Meta

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#### 49. What is the `<progress>` tag used for?

- **Example:** `html <progress value="60" max="100"></progress>`
- **Interview Frequency:** ★★☆☆☆
- **Companies:** SAP, Zoho

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#### 50. What's the use of the `<output>` tag?

- **Explanation:** Displays result of a calculation.
- **Example:**  
`html <form oninput="result.value = a.valueAsNumber + b.valueAsNumber"> <input name="a" type="number" /> + <input name="b" type="number" /> = <output value=result.value />`
- **Interview Frequency:** ★★☆☆☆
- **Companies:** Google, Infosys, Capgemini

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#### 51. What is the `formaction` attribute in HTML?

- **Context:** Used in buttons inside a form to override the form's `action` attribute.
- **Explanation:** Allows different buttons to submit to different URLs.
- **Example:**

```
<form action="default.php">
<input type="submit" value="Default" />
<input type="submit" formaction="alternate.php" value="Alternate" />
</form>
```

- **Interview Frequency:** ★★☆☆☆
- **Companies:** Oracle, Zoho, TCS, Infosys

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#### 52. How can you disable HTML5 validation on a form?

- **Context:** Useful when handling validations with JavaScript instead.
- **Explanation:** Use `novalidate` on the `<form>`.
- **Example:**

```
<form novalidate>
<input type="email" required />
<input type="submit" />
</form>
```

- **Interview Frequency:** ★★☆☆☆
- **Companies:** HCL, Capgemini, Wipro

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#### 53. What is semantic HTML?

- **Context:** Improves accessibility and SEO.
- **Explanation:** Tags that clearly describe their purpose.
- **Example:**

```
<header>, <nav>, <main>, <footer>
```

- **Interview Frequency:** ★★★★★☆
- **Companies:** Google, Adobe, Infosys, TCS, Cognizant

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#### 54. How do you create a tooltip in HTML?

- **Context:** Displays information on hover.
- **Explanation:** Use the `title` attribute.
- **Example:**

```
<button title="Click here to submit">Submit</button>
```

- **Interview Frequency:** ★★☆☆☆
- **Companies:** IBM, Infosys, Zoho

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## 55. What is the difference between `<section>` and `<div>` ?

- **Context:** Semantic vs non-semantic.
- **Explanation:** `<section>` is semantic; `<div>` is generic.
- **Example:**

```
<section>About Us</section>
<div>Just a container</div>
```

- **Interview Frequency:** ★★★★★☆
- **Companies:** Adobe, Google, Capgemini

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## 56. What does the `<fieldset>` tag do?

- **Context:** Used in forms.
- **Explanation:** Groups related inputs with an optional `<legend>` .
- **Example:**

```
<fieldset>
<legend>Personal Info</legend>
<input type="text" />
</fieldset>
```

- **Interview Frequency:** ★★☆☆☆
- **Companies:** Zoho, IBM, TCS

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## 57. What is the use of `<legend>` tag?

- **Context:** Label for grouped fields.
- **Explanation:** Provides a caption for `<fieldset>` .
- **Example:**

```
<legend>User Details</legend>
```

- **Interview Frequency:** ★★☆☆☆
- **Companies:** HCL, Capgemini

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## 58. How do you link to an external CSS file in HTML?

- **Context:** Best practice for separation of concerns.
- **Explanation:** Use `<link>` in the `<head>` .
- **Example:**

```
<link rel="stylesheet" href="style.css" />
```

- **Interview Frequency:** ★★★★★
- **Companies:** Google, Meta, Infosys, Paytm, TCS, Amazon

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## 59. What does `rel="noopener noreferrer"` do in a link?

- **Context:** Prevents performance and security issues.
- **Explanation:** Stops the new page from accessing `window.opener` .
- **Example:**

```
<a href="https://example.com" target="_blank" rel="noopener noreferrer">Open</a>
```



- **Interview Frequency:** ★★★★★☆
- **Companies:** Google, Microsoft, Meta

## 60. What is the `srcset` attribute in `<img>` tag?

- **Context:** Responsive images.
- **Explanation:** Loads different images for different screen resolutions.
- **Example:**

```

```

- **Interview Frequency:** ★★★★★☆
- **Companies:** Google, Flipkart, Adobe, Zoho

## 61. What are self-closing tags? Give examples.

- **Context:** Tags that do not require closing.
- **Explanation:** HTML5 allows omitting the slash, but XHTML requires it.
- **Examples:** `<img>`, `<br>`, `<hr>`, `<input>`
- **Interview Frequency:** ★★★★★☆
- **Companies:** Infosys, Capgemini, TCS

## 62. What is a viewport meta tag?

- **Context:** Controls layout on mobile browsers.
- **Explanation:** Sets the visible area and scale of the web page.
- **Example:**

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

- **Interview Frequency:** ★★★★★★
- **Companies:** Google, Meta, Paytm, Microsoft

## 63. How do you embed a video in HTML?

- **Context:** Useful for multimedia.
- **Explanation:** Use the `<video>` tag.
- **Example:**

```
<video controls>
<source src="movie.mp4" type="video/mp4" />
</video>
```

- **Interview Frequency:** ★★★★★☆
- **Companies:** Flipkart, Ola, Zoho

## 64. What is the difference between `id` and `class` ?

- **Context:** Selectors and uniqueness.
- **Explanation:** `id` is unique; `class` is reusable.
- **Example:**

```
<div id="header"></div>
<div class="menu"></div>
```

- **Interview Frequency:** ★★★★★★
- **Companies:** All major companies

## 65. What is the purpose of `<meta charset="UTF-8">` ?

- **Context:** Character encoding.
- **Explanation:** Ensures characters are rendered correctly.
- **Example:**

```
<meta charset="UTF-8" />
```

- **Interview Frequency:** ★★★★★☆
- **Companies:** Google, Amazon, Adobe, Microsoft

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## 66. How do you create a telephone link in HTML?

- **Context:** Phone call support.
- **Explanation:** Use `tel:` protocol in `href`.
- **Example:**

```
<a href="tel:+123456789">Call Us</a>
```

- **Interview Frequency:** ★★★★★☆
- **Companies:** Capgemini, Infosys, Zoho

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## 67. What is the `pre` tag and its use?

- **Context:** Preserves whitespace and formatting.
- **Explanation:** Displays text exactly as written.
- **Example:**

```
<pre>
Line 1
Line 2
</pre>
```

- **Interview Frequency:** ★★★★★☆
- **Companies:** Infosys, Adobe, TCS

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## 68. What is the use of `<mark>` tag?

- **Context:** Highlights text.
- **Explanation:** Typically used to indicate a match or highlight.
- **Example:**

```
<p>This is <mark>important</mark>.</p>
```

- **Interview Frequency:** ★★☆☆☆☆
- **Companies:** HCL, IBM

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## 69. What is the difference between `<strong>` and `<b>` ?

- **Context:** Semantic vs styling.
- **Explanation:** `<strong>` has semantic meaning; `<b>` does not.
- **Example:**

```
<strong>Important</strong>
<b>Bold</b>
```

- **Interview Frequency:** ★★★★★☆
- **Companies:** Google, Microsoft, Infosys

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## 70. What are inline, block, and inline-block elements?

- **Context:** CSS layout behavior.
- **Explanation:**

- Inline: Doesn't break line (e.g., `<span>` )
- Block: Takes full width (e.g., `<div>` )
- Inline-block: Acts like inline but respects width/height

- **Example:**

```
<span>Inline</span>
<div>Block</div>
<div style="display:inline-block;">Inline-block</div>
```

- **Interview Frequency:** ★★★★★

- **Companies:** Google, Microsoft, Adobe, Flipkart

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## 71. What is the use of the `<abbr>` tag?

- **Context:** Used for abbreviations.
- **Explanation:** Shows full form on hover.
- **Example:**

```
<abbr title="World Health Organization">WHO</abbr>
```

- **Interview Frequency:** ★★☆☆☆

- **Companies:** Zoho, HCL, Infosys

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## 72. How do you embed audio in HTML?

- **Context:** Multimedia support.
- **Explanation:** Use `<audio>` tag.
- **Example:**

```
<audio controls>
<source src="song.mp3" type="audio/mp3" />
</audio>
```

- **Interview Frequency:** ★★☆☆☆

- **Companies:** Adobe, Flipkart, Capgemini

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## 73. What is the difference between absolute and relative URLs?

- **Context:** Linking files.
- **Explanation:** Absolute starts from domain; relative is relative to current page.
- **Example:**

```
<!-- Absolute -->
<a href="https://example.com/about.html">About</a>

<!-- Relative -->
<a href="about.html">About</a>
```

- **Interview Frequency:** ★★☆☆☆

- **Companies:** Google, Infosys, Zoho, Amazon

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## 74. What is the role of `tabindex` in HTML?

- **Context:** Keyboard navigation.
- **Explanation:** Controls focus order.
- **Example:**

```
<input type="text" tabindex="2" />
<input type="text" tabindex="1" />
```

- **Interview Frequency:** ★★☆☆☆

- **Companies:** Infosys, Zoho, Capgemini

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## 75. How do you make an entire div clickable?

- **Context:** UI/UX enhancement.
- **Explanation:** Wrap `<a>` around `<div>`.
- **Example:**

```
<a href="/profile">
<div class="profile-card">John Doe</div>
</a>
```

- **Interview Frequency:** ★★★★★☆
- **Companies:** Flipkart, Amazon, Paytm, Adobe

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## 76. What is the `<noscript>` tag used for?

- **Context:** For users who have JavaScript disabled.
- **Explanation:** Provides fallback content.
- **Example:**

```
<noscript>
<p>Your browser does not support JavaScript!</p>
</noscript>
```

- **Interview Frequency:** ★★★★★☆
- **Companies:** Zoho, HCL, TCS, IBM

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## 77. What is the use of the `download` attribute in `<a>` tag?

- **Context:** Forces a file to download instead of navigating to it.
- **Explanation:** The file will be downloaded with the given name.
- **Example:**

```
<a href="resume.pdf" download="My_Resume">Download Resume</a>
```

- **Interview Frequency:** ★★★★★☆
- **Companies:** Flipkart, Paytm, Adobe

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## 78. What is the difference between `placeholder` and `value` in `<input>` ?

- **Context:** Used in form inputs.
- **Explanation:**
  - `placeholder` is a hint shown when empty
  - `value` is the prefilled content
- **Example:**

```
<input type="text" placeholder="Enter name" value="John" />
```

- **Interview Frequency:** ★★★★★☆
- **Companies:** Infosys, Zoho, TCS

---

## 79. What are custom data attributes in HTML5?

- **Context:** Store extra data on elements without using JS variables.
- **Explanation:** Use `data-*` attributes.
- **Example:**

```
<div data-user-id="1234"></div>
```

- **Interview Frequency:** ★★★★★★

- **Companies:** Google, Amazon, Paytm, Microsoft

## 80. What is the difference between HTMLCollection and NodeList?

- **Context:** When accessing DOM elements via JavaScript.
- **Explanation:**
  - `HTMLCollection` is live; `NodeList` can be static
  - `NodeList` supports `forEach()`

- **Example:**

```
const divs = document.getElementsByTagName("div"); // HTMLCollection
const nodes = document.querySelectorAll("div"); // NodeList
```

- **Interview Frequency:** ★★★★★☆

- **Companies:** Google, Microsoft, Flipkart

## 81. What is the purpose of the `hidden` attribute in HTML?

- **Context:** Hide elements without removing them from DOM.
- **Explanation:** `display: none` effect via HTML.
- **Example:**

```
<p hidden>This text is hidden</p>
```

- **Interview Frequency:** ★★★★★☆

- **Companies:** TCS, Infosys, Zoho

## 82. What is the difference between `target="_self"` and `target="_blank"` ?

- **Context:** Anchor tag behavior.
- **Explanation:**

- `_self` : same tab
- `_blank` : new tab

- **Example:**

```
<a href="page.html" target="_self">Same Tab</a>
<a href="page.html" target="_blank">New Tab</a>
```

- **Interview Frequency:** ★★★★★☆

- **Companies:** Zoho, Adobe, Flipkart

## 83. What are void elements in HTML?

- **Context:** Elements that don't have a closing tag.
- **Explanation:** Self-closing, e.g., `<img>`, `<br>`, `<hr>`
- **Interview Frequency:** ★★★★★☆
- **Companies:** HCL, Capgemini, Infosys

## 84. What is the `lang` attribute in HTML `<html>` tag?

- **Context:** Declares the language of the document.
- **Explanation:** Helps with accessibility and SEO.
- **Example:**

```
<html lang="en">
```

- **Interview Frequency:** ★★★★★☆

- **Companies:** Google, Amazon, Infosys

## 85. How do you create collapsible content in HTML?

- **Context:** Expand/collapse UI component.
- **Explanation:** Use `<details>` and `<summary>`.
- **Example:**

```
<details>
<summary>More info</summary>
<p>Extra content goes here</p>
</details>
```

- **Interview Frequency:** ★★★★★
- **Companies:** Adobe, Zoho, TCS

---

## 86. What is the `contenteditable` attribute?

- **Context:** Editable HTML areas.
- **Explanation:** Turns any element into an editable region.
- **Example:**

```
<div contenteditable="true">Edit me</div>
```

- **Interview Frequency:** ★★☆☆☆
- **Companies:** Infosys, Capgemini, HCL

---

## 87. What is the use of `<base>` tag in HTML?

- **Context:** Sets base URL for all relative URLs.
- **Explanation:** Useful for handling anchor tags and links.
- **Example:**

```
<base href="https://example.com/" />
```

- **Interview Frequency:** ★★☆☆☆
- **Companies:** IBM, Capgemini

---

## 88. How to disable autocomplete in HTML form?

- **Context:** Prevent browsers from autofilling.
- **Explanation:** Use `autocomplete="off"`.
- **Example:**

```
<form autocomplete="off">
<input type="text" name="name" />
</form>
```

- **Interview Frequency:** ★★★★★
- **Companies:** TCS, Infosys

---

## 89. What is the `spellcheck` attribute?

- **Context:** HTML5 feature for checking spelling.
- **Explanation:** Can be `true` or `false`.
- **Example:**

```
<textarea spellcheck="true"></textarea>
```

- **Interview Frequency:** ★★☆☆☆
- **Companies:** HCL, Infosys

---

## 90. What does the `translate` attribute do in HTML5?

- **Context:** Indicates whether content should be translated.
- **Explanation:** Set to `yes` or `no` .
- **Example:**

```
<div translate="no">BrandName</div>
```

- **Interview Frequency:** ★★☆☆☆

- **Companies:** Capgemini, Zoho

---

## 91. How to add a favicon to your website?

- **Context:** Site branding.
- **Explanation:** Use `<link>` in `<head>` .
- **Example:**

```
<link rel="icon" href="favicon.ico" />
```

- **Interview Frequency:** ★★★★★

- **Companies:** Google, Amazon, Zoho

---

## 92. What is the use of `<address>` tag in HTML?

- **Context:** Contact info.
- **Explanation:** Displays author/contact details.
- **Example:**

```
<address>123 Main St, NY</address>
```

- **Interview Frequency:** ★★☆☆☆

- **Companies:** Infosys, HCL

---

## 93. What is the purpose of `autofocus` attribute?

- **Context:** Focuses on a field when page loads.
- **Explanation:** Used in input fields.
- **Example:**

```
<input type="text" autofocus />
```

- **Interview Frequency:** ★★☆☆☆

- **Companies:** Infosys, TCS, Capgemini

---

## 94. How to display code snippets in HTML?

- **Context:** Developer documentation.
- **Explanation:** Use `<code>` and `<pre>` together.
- **Example:**

```
<pre><code>console.log('Hello');</code></pre>
```

- **Interview Frequency:** ★★☆☆☆

- **Companies:** Adobe, Google

---

## 95. How do you open a link in a new tab?

- **Context:** Navigation control.
- **Explanation:** Use `target="_blank"` .
- **Example:**

```
<a href="https://example.com" target="_blank">Visit</a>
```

- **Interview Frequency:** ★★★★★
  - **Companies:** All major companies
- 

## 96. What is the difference between `defer` and `async` in script loading?

- **Context:** JavaScript loading strategy.
- **Explanation:**
  - `defer` : waits for HTML to parse
  - `async` : executes immediately when downloaded
- **Example:**

```
<script src="app.js" defer></script>
```

- **Interview Frequency:** ★★★★★
  - **Companies:** Google, Amazon, Meta, Flipkart
- 

## 97. What is ARIA in HTML?

- **Context:** Accessibility.
- **Explanation:** Provides additional semantics to assistive tech.
- **Example:**

```
<div role="button" aria-pressed="false">Click</div>
```

- **Interview Frequency:** ★★★★★☆
  - **Companies:** Adobe, Google, Microsoft
- 

## 98. What is the `draggable` attribute in HTML5?

- **Context:** Allows elements to be dragged.
- **Explanation:** Set `draggable="true"` on an element.
- **Example:**

```
<p draggable="true">Drag me</p>
```

- **Interview Frequency:** ★★☆☆☆
  - **Companies:** Zoho, Infosys, HCL
- 

## 99. How to include comments in HTML?

- **Context:** Developer notes.
- **Explanation:** Use `<!-- -->` .
- **Example:**

```
<!-- This is a comment -->
```

- **Interview Frequency:** ★★★★★
  - **Companies:** All companies
- 

## 100. What is the purpose of `inputmode` attribute?

- **Context:** Controls the virtual keyboard.
- **Explanation:** Suggests input type on mobile.
- **Example:**

```
<input inputmode="numeric" />
```

- **Interview Frequency:** ★★☆☆☆



- **Companies:** Adobe, Infosys, Capgemini