

# HTML Interview Questions & Answers

## Basic HTML Questions

**Q:** What is HTML?

**A:** HTML (HyperText Markup Language) is the standard language used to create the structure of web pages. It defines elements like headings, paragraphs, links, images, tables, and forms.

**Q:** What are HTML tags?

**A:** Tags are predefined keywords in HTML enclosed within angle brackets (< >). Example: <p> is a paragraph tag. Most tags come in pairs: opening <p> and closing </p>.

**Q:** What is the difference between block-level and inline elements?

**A:** Block-level elements always start on a new line and take full width (e.g., <div>, <p>, <h1>). Inline elements do not start on a new line; they only take as much width as needed (e.g., <span>, <a>, <strong>).

**Q:** What are semantic elements in HTML?

**A:** Semantic elements clearly describe their meaning to the browser and developer. Examples: <header>, <footer>, <article>, <section>. They improve SEO and readability.

**Q:** What is the purpose of <!DOCTYPE html>?

**A:** It defines the document type and version of HTML being used. In HTML5: <!DOCTYPE html>. This ensures the browser renders the page in standards mode.

## Tricky HTML Questions

**Q:** Is HTML a programming language?

**A:** No, HTML is not a programming language. It is a markup language used to structure content on a webpage.

**Q:** What happens if you forget to close an HTML tag?

**A:** Browsers are forgiving and try to automatically close unclosed tags. However, it can cause unexpected rendering issues, especially in nested elements or strict XHTML.

**Q:** What is the difference between <b> vs <strong> and <i> vs <em>?

**A:** <b> & <i> are just visual styling (bold & italic). <strong> & <em> give semantic meaning (important & emphasized). Helps SEO and screen readers.

**Q:** What is the difference between localStorage, sessionStorage, and cookies in HTML5?

**A:** localStorage stores data with no expiration. sessionStorage stores data until the tab is closed. Cookies store small data on the client and are sent with every HTTP request.

**Q:** What is the difference between <canvas> and <svg> in HTML5?

**A:** <canvas> is pixel-based, best for dynamic/interactive graphics. <svg> is vector-based, scalable without losing quality, better for static images/icons.