

HTML & HTML5 Interview Questions

1. What is HTML?

HTML (HyperText Markup Language) is the standard language used to create web pages. It structures the content on the web and uses various tags and elements to define the layout and content of a webpage.

2. What is the difference between HTML and HTML5?

HTML5 is the latest version of HTML that introduces new elements and attributes for better structure, semantics, and media handling.

****Differences:****

- HTML5 supports audio and video tags.
- Introduces semantic elements like `<header>`, `<footer>`, `<article>`, and `<section>`.
- HTML5 includes APIs such as local storage, canvas, and geolocation.
- No need for external plugins for multimedia.

3. What are semantic elements in HTML5?

Semantic elements clearly define their content. Examples include `<header>`, `<footer>`, `<nav>`, `<article>`, and `<section>`. They make the code more readable and accessible.

4. What is the difference between `id` and `class` in HTML?

`id` is a unique identifier for a single element, whereas `class` can be used for multiple elements. CSS and JavaScript can target elements using both `id` and `class`.

5. What are the new form elements introduced in HTML5?

HTML5 introduced new input types and attributes to enhance form handling:

- Input types: `email`, `url`, `tel`, `date`, `time`, `range`, `color`
- Attributes: `required`, `placeholder`, `autofocus`, `autocomplete`, `pattern`

6. What is the difference between `<div>` and `<span>`?

`<div>` is a block-level element used for grouping larger sections, while `<span>` is an inline element used to group smaller chunks of text within other elements.

7. What is a Doctype in HTML?

Doctype is a declaration that defines the document type and HTML version. In HTML5, it is written as `<!DOCTYPE html>` and helps browsers render the page correctly.

8. What is the use of the `meta` tag in HTML?

The `<meta>` tag provides metadata about the HTML document. It is used for setting character encoding, viewport settings, page description, keywords, and author.

9. How is `localStorage` different from `sessionStorage` in HTML5?

- `localStorage` stores data with no expiration.
- `sessionStorage` stores data for the duration of the page session (until the tab is closed).

Both store key-value pairs and are accessible on the client-side.

10. What is the use of the `<canvas>` element in HTML5?

The `<canvas>` element is used to draw graphics via scripting (usually JavaScript). It is commonly used for rendering charts, animations, and games.