

HTML Interview Questions (20 Questions)

1. What is HTML?

Answer:

HTML (HyperText Markup Language) is the standard markup language used to create and structure content on the web. It uses tags to define elements like headings, paragraphs, links, images, and more.

2. What are HTML tags and attributes?

Answer:

Tags: HTML tags are used to define elements on a webpage. They are enclosed in angle brackets (< >), e.g., <p>, <h1>.

Attributes: Attributes provide additional information about an element. They are placed inside the opening tag, e.g., .

3. What is the difference between <div> and ?

Answer:

<div> is a block-level element used to group larger sections of content.

 is an inline element used to style smaller portions of text or content.

4. What is the purpose of the <!DOCTYPE> declaration?

Answer:

The <!DOCTYPE> declaration specifies the HTML version being used. It ensures the browser renders the page in standards mode, e.g., <!DOCTYPE html> for HTML5.

5. What are semantic elements in HTML?

Answer:

Semantic elements clearly describe their meaning to both the browser and developer. Examples include <header>, <footer>, <article>, <section>, and <nav>.

6. What is the difference between and ?

Answer:

: Ordered list, where items are numbered.

: Unordered list, where items are bulleted.

7. What is the <iframe> tag used for?

Answer:

The <iframe> tag is used to embed another HTML document within the current webpage. It is commonly used for embedding videos, maps, or external content.

8. What is the difference between and ?

Answer:

: Indicates strong importance and is semantically meaningful (used for screen readers).

: Simply makes text bold without any semantic meaning.

9. What is the purpose of the alt attribute in the tag?

Answer:

The alt attribute provides alternative text for an image if it cannot be displayed. It is also used by screen readers for accessibility.

10. What is the difference between id and class?

Answer:

id: Unique identifier for an element. Only one element can have a specific id on a page.

class: Can be applied to multiple elements to group them for styling or scripting.

11. What is the purpose of the <meta> tag?

Answer:

The <meta> tag provides metadata about the HTML document, such as character encoding, author, viewport settings, and keywords for SEO.

12. What is the difference between and <i>?

Answer:

: Indicates emphasized text and is semantically meaningful.

<i>: Simply makes text italic without any semantic meaning.

13. What is the purpose of the <form> tag?

Answer:

The <form> tag is used to create an HTML form for user input. It can contain elements like <input>, <textarea>, <button>, etc.

14. What are the different types of <input> elements?

Answer:

Common <input> types include:

text, password, email, number, date, checkbox, radio, submit, file, etc.

15. What is the purpose of the <table> tag?

Answer:

The <table> tag is used to create a table in HTML. It includes elements like <tr> (table row), <th> (table header), and <td> (table data).

16. What is the difference between <header> and <head>?

Answer:

<head>: Contains metadata and links to external resources (e.g., <title>, <meta>).

<header>: Represents the introductory content or navigation links at the top of a webpage.

17. What is the purpose of the <a> tag?

Answer:

The <a> tag is used to create hyperlinks. It uses the href attribute to specify the destination URL.

18. What is the difference between GET and POST methods in forms?

Answer:

GET: Appends form data to the URL. Suitable for non-sensitive data.

POST: Sends data in the request body. Suitable for sensitive or large data.

19. What is the purpose of the <canvas> tag?

Answer:

The <canvas> tag is used to draw graphics, animations, or visual content using JavaScript.

20. What is the difference between HTML4 and HTML5?

Answer:

HTML5 introduced new semantic elements (<header>, <footer>, etc.), multimedia support (<audio>, <video>), and APIs for better interactivity.