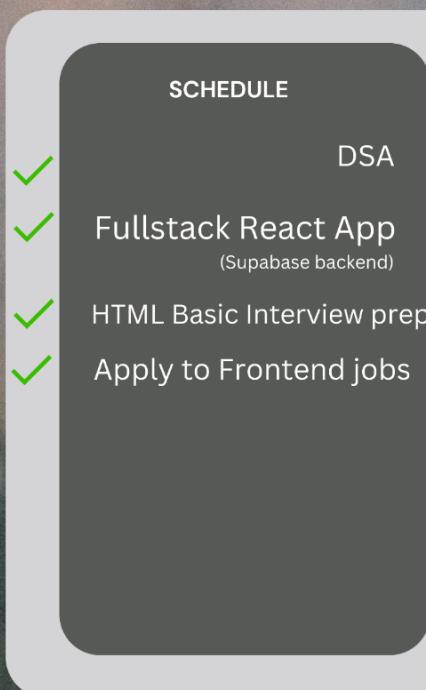
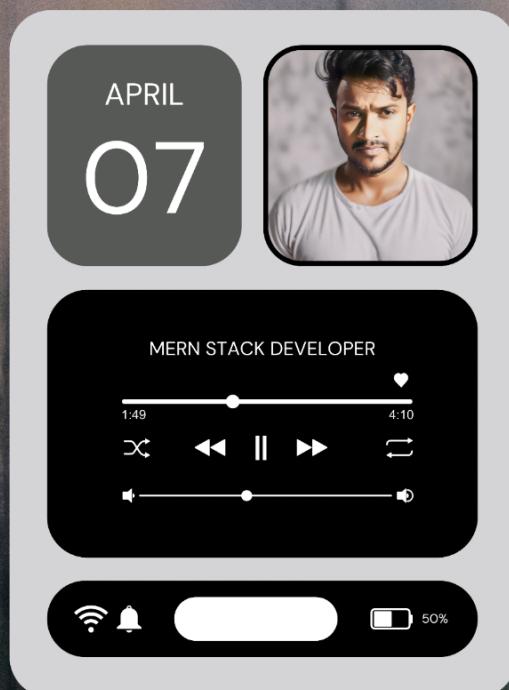


# HTML INTERVIEW

## Questions

### 2024



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# Basics of HTML

Ques.1

What Does HTML stands for ?

Ans →

HTML stands for Hypertext Markup Language.

Hypertext - Refer to the text that contains link to other texts or resources.

- In HTML hypertext allows us to create links between different webpages, documents, resources, enabling users to navigate through interconnected content.

Markup

- To provide a structure and formatting instructions to a document we use a special symbols or codes which we can call it as markup.
- In HTML, markup involves using tags to define elements such as heading, paragraphs, lists, image and more.

Ques.2

What is the purpose of HTML ?

Its primary purpose is to structure content on the World Wide Web, providing a framework for presenting text, images, multimedia and other element within a browser.

Key Purpose

- 1) Structuring Content : Organize the content hierarchically
- 2) Semantic Markup : Improve Accessibility & SEO
- 3) Creating Links : Helps to navigate bet<sup>n</sup> resources/web pages.
- 4) Embedding Media
- 5) Cross-platform Compatibility : Platform independant

Ques. 3 What are the basic structure tags of an HTML tags?

Ans :- The basic structure tags of an HTML document include

Tags	Represents
1. <code>&lt;!DOCTYPE html&gt;</code>	→ HTML version being used
2. <code>&lt;html&gt;</code>	→ Wrap the entire HTML document
3. <code>&lt;head&gt;</code>	→ Contains metadata of document
4. <code>&lt;title&gt;</code>	→ Specifies the title of the document
5. <code>&lt;meta&gt;</code>	→ Provides metadata
6. <code>&lt;link&gt;</code>	→ Links external resources
7. <code>&lt;script&gt;</code>	→ Embed or reference the scripts.
8. <code>&lt;body&gt;</code>	→ Contains main content of HTML document.

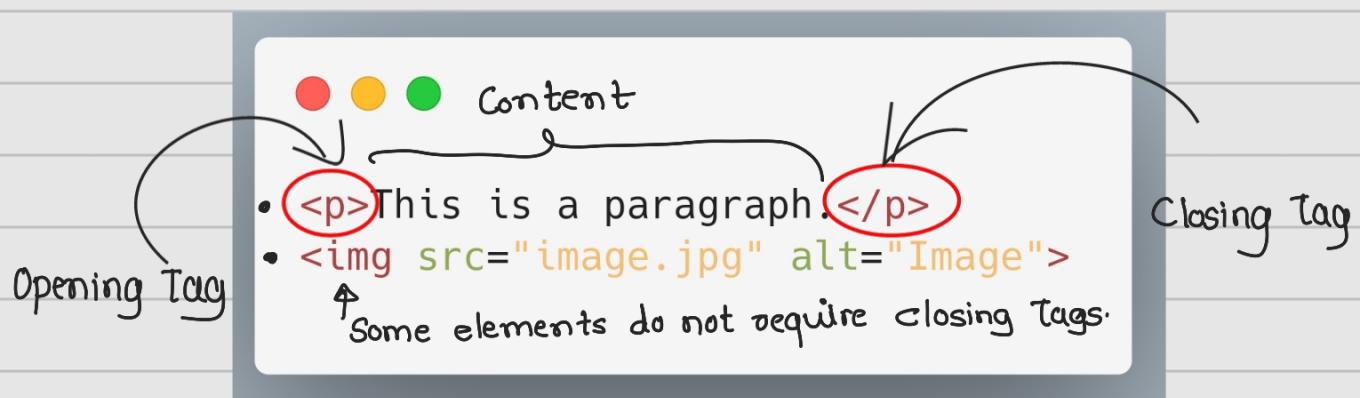
Ques. 4 Explain the difference between HTML elements and HTML tags.

Ans :-

#### HTML Tags

- These are the individual indicators that mark the beginning and end of an element.
  - Beginning — `<>` (Opening Tag)
  - End — `</>` (Closing Tag)
- HTML tags are used to define structure and appearance of the content within a webpage.

#### Example :



## HTML Elements

- An element contains the entire section of code defined by the opening tag, content and closing tag.

### NOTE :

Some HTML element called empty elements like `<br>` `<img>` only have a starting tag and don't require a closing tag.

### Ques. 5] What is `<!DOCTYPE>` declaration?

The `<!DOCTYPE>` declaration specifies the version of HTML the document is written in. It helps the browser to render the document correctly.



```
<!DOCTYPE> <!-- Specifies the document type but not the version -->  
<!DOCTYPE html> <!-- Specifies the document type as HTML5 -->
```

### Que. 6

### How do you create comment in HTML?

To comment in HTML we follow the below syntax.

`<!-- -->`



```
<!-- This is a comment -->  
<p>This is a paragraph.</p>  
<!-- Comments can span multiple lines -->  
<!-- Comments are useful for leaving notes in your HTML code -->
```

### Ques. 7]

### What are empty elements in HTML?

Ans:-

- Empty elements do not have any content between their opening and closing tags.
- They are self closing and do not require self closing tag.
- Examples : `<br>`, `<img>`, `<input>` & `<hr>`

Ques 8 Explain the difference between `<div>` and `<span>`

Ans -

### `<div>`

- Block-level container
- Used to group elements together.
- Starts on a new line and takes up the full width available.
- Commonly used for headers, footers, sidebars etc.

### `<span>`

- Inline-level container.
- Used to apply styles or functionality to specific portion of text or inline elements.
- Does not create a new block-level container.

Ques 9 What is purpose of the meta tag ?

- The `<meta>` tag is used in HTML to provide metadata about the HTML document.
- Metadata is information about data in the document rather than the data itself.

### Common Uses of `<meta>` tag



```
<!DOCTYPE html>
<html lang="en">
<head>
    <!-- Set character encoding to UTF-8 -->
    <meta charset="UTF-8">

    <!-- Define viewport for responsive design -->
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <!-- Provide a brief description of the page content -->
    <meta name="description" content="This is a sample webpage demonstrating the use of the meta tag.">

    <!-- Specify keywords relevant to the page content -->
    <meta name="keywords" content="HTML, meta tag, viewport, charset">
</head>
<body>
    <h1>Welcome to Sample Page</h1>
    <p>This is a sample webpage demonstrating the use of the meta tag.</p>
</body>
</html>
```

Ques.10]

How do you create a hyperlink in HTML?

Ans →

To create a hyperlink in HTML, use `<a>` tag.

Basic Syntax:



```
<a href="URL">Link text</a>
```

- **href** - Attribute specifies the URL of the page or resource you want to link to
- **Link text** - Clickable text that appears on the webpage.

Basics Completed