Complete HTML Guide

1. HTML Basics

HTML stands for HyperText Markup Language. It is used to create the structure of webpages using tags.

Basic Structure of an HTML Page:

```
<!DOCTYPE html>
<html>
  <head>
    <title>My First Webpage</title>
  </head>
  <body>
    <h1>Hello, World!</h1>
    <p>This is a paragraph.</p>
  </body>
</html>
```

2. HTML Tags

Tags are the building blocks of HTML. They come in pairs: opening <tag> and closing </tag>.

Examples:

```
<h1>This is a heading</h1>
<p>This is a paragraph</p>
```

3. HTML Elements & Attributes

Element:

```
<p>This is a paragraph element</p>
```

Attribute:

```
<img src="image.jpg" alt="A sample image">
```

4. HTML Headings

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<h1>Main Heading</h1>

<h2>Subheading</h2>

<h3>Sub-subheading</h3>

5. HTML Paragraphs and Text Formatting

<p>This is a paragraph.</p>

Bold, <i>Italic</i>, <u>Underline</u>, Strong, Emphasis

6. HTML Images

<img src="photo.jpg" alt="A beautiful view" width="300" height="200">

7. HTML Links

Visit Example

8. HTML Lists

Ordered List:

  First

  Second

Unordered List:

  Apple

  Banana

9. HTML Tables

```
<table border="1">
  <tr>
    <th>Name</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>John</td>
    <td>25</td>
  </tr>
</table>
```

10. HTML Forms

```
<form>
  <label for="name">Name:</label>
  <input type="text" id="name" name="username">
  <input type="submit" value="Submit">
</form>
```

11. HTML Input Types

```
<input type="text">
<input type="password">
<input type="email">
<input type="radio">
<input type="checkbox">
<input type="submit">
```

12. HTML Multimedia

Video:

```
<video controls width="320">
  <source src="movie.mp4" type="video/mp4">
```

</video>

Audio:

<audio controls>

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

</audio>

13. HTML Semantic Elements

<header>Header content</header>

<nav>Navigation links</nav>

<main>Main content</main>

<article>Article content</article>

<footer>Footer content</footer>

14. HTML with CSS

Inline CSS:

<p style="color: red;">This is red text</p>

Internal CSS:

<style>

  p {

    color: blue;

  }

</style>

15. HTML Comments

<!-- This is a comment -->

16. HTML Meta Tags

<meta charset="UTF-8">

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<meta name="description" content="Learn HTML from scratch">

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