

HTML: Headings, Paragraphs, Formatting Tags, Block and Inline Elements

1. Headings

- Headings are used to define titles or subtitles on a webpage.
- HTML provides **6 levels of headings**, from `<h1>` (largest) to `<h6>` (smallest).

Syntax:

`<h1>Main Heading</h1>`

`<h2>Subheading</h2>`

`<h3>Smaller Subheading</h3>`

Example:

`<h1>Welcome to My Website</h1>`

`<h2>About Me</h2>`

`<h3>Hobbies</h3>`

2. Paragraphs

- Paragraphs are used for normal text content.
- The `<p>` tag defines a paragraph.

Syntax:

`<p>This is a paragraph of text on my website.</p>`

Example:

`<p>Hello! I am learning HTML. It is fun and easy to understand.</p>`

`<p>HTML helps structure content on the web.</p>`

3. Formatting Tags

- Formatting tags are used to **style text** within paragraphs or headings.

| Tag | Description | Example |
|-----------------------------|--------------------------|--|
| <code></code> | Bold text | <code>This is bold</code> |
| <code></code> | Strong importance (bold) | <code>Important!</code> |

| Tag | Description | Example |
|---------|--------------------------|---------------------------|
| <i> | Italic text | <i>This is italic</i> |
| | Emphasized text (italic) | Emphasized |
| <u> | Underline | <u>Underlined</u> |
| <mark> | Highlight text | <mark>Highlighted</mark> |
| <small> | Smaller text | <small>Small text</small> |
| | Deleted / Strikethrough | Deleted text |
| <ins> | Inserted text | <ins>Inserted text</ins> |
| <sub> | Subscript | H₂O |
| <sup> | Superscript | x² |

4. Block vs Inline Elements

Block Elements

- Start on a **new line** and take the **full width** of the container.
- Examples: <h1>, <p>, <div>, , , , <section>

<p>This is a paragraph (block element).</p>

<p>Another paragraph below.</p>

- Each <p> starts on a new line automatically.
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Inline Elements

- Do **not start on a new line**, only take as much width as needed.
- Examples: , <i>, <a>, ,

<p>This is bold and <i>italic</i> text inline.</p>

- Bold and italic text appear **inside the paragraph**, not on new lines.
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5. Summary Table

| Concept | Example Tags | Type |
|-----------|--------------|-------|
| Headings | <h1> to <h6> | Block |
| Paragraph | <p> | Block |

| Concept | Example Tags | Type |
|--------------------|----------------|--------|
| Bold | / | Inline |
| Italic | <i> / | Inline |
| Underline | <u> | Inline |
| Highlight | <mark> | Inline |
| Subscript | <sub> | Inline |
| Superscript | <sup> | Inline |
| Division / Section | <div> | Block |
| Span | | Inline |