

Emmet

- Web development tool for quick HTML and CSS coding.
- Initially known as Zen Coding by Sergey Chikuyonok.
- Converts shorthand syntax into full code.
- Enhances productivity and code quality.

HTML Attributes

- Provide additional information or modify element behavior.
- Specified within opening tags as name-value pairs.
- Global attributes: class, id, style, title, data-*.
- Specific attributes: href, src, value, disabled.

Formatting Tags

- Enhance visual presentation and structure of content.
- ``: Non-semantic, bolds text.
- ``: Semantic, indicates strong importance.
- `<i>`: Non-semantic, italicizes text.
- ``: Semantic, indicates emphasis.
- `<mark>`: Non-semantic, highlights text.
- `<small>`: Non-semantic, decreases font size.
- ``: Non-semantic, indicates deleted text.
- `<ins>`: Non-semantic, indicates inserted text.
- `<sub>`: Non-semantic, renders subscript.
- `<sup>`: Non-semantic, renders superscript.
- `<s>`: Non-semantic, renders with strikethrough.
- `<big>`: Deprecated, use CSS for font size.

Block-level Elements

- Start on new lines, full width.
- Include `<p>` and `<div>`.

Inline Elements

- Do not start on new lines.
- Include ``.

Lists

- ``: Ordered list with ``.
- ``: Unordered list with ``.
- `<dl>`: Definition list with `<dt>` and `<dd>`.
- ``: List item in `` and ``.

Anchor Tag Usage

- Create hyperlinks and bookmarks.
- Navigate between pages or sections.

Table

- Structure data in rows and columns with `<table>`.
- Use `<tbody>`, `<thead>`, `<tfoot>` for sections.
- Define cells with `<th>` (header) and `<td>` (data).
- Create rows with `<tr>`.
- Span cells with `colspan` and `rowspan`.

Classes and IDs

- Class: Define styles for multiple elements.
- ID: Specify unique identifier within HTML.