HTML WEB DEVELOPMENT

Created by Lazar Tomic   https://github.com/Laza-bot

Basic Structure:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport"
content="width=device-width, initial-
scale=1.0">
    <title>Page Title</title>
</head>
<body>
    <!-- Page content goes here -->
</body>
</html>
```

Inline Styles:

```html
<p style="color: red; font-size: 20px;">text</p>
```

Linking CSS and JavaScript:
CSS:

```html
<link rel="stylesheet" href="styles.css">
```

Java Script:

```html
<script src="script.js"></script>
```

Meta Tags:
Character encoding:

```html
<meta charset="UTF-8">
```
```html
<meta charset="ASCII">
```

Viewport settings for responsiveness:

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

Media Embedding:
Iframe: Embed another web page.

```html
<iframe src="link" width="600" height="400"></iframe>
```

Embed: External resources (videos, plugins...)

```html
<embed src="file.extension" width="600" height="400">
```

Attributes:

```html
<p id= Unique identifier for an element>
<p class = Class name for grouping elements>
<p style = Inline CSS>
<p title = Tooltip text>
<p href = URL for links>
<p src = Path to an image, script, or media file>
<p alt = Alternative text for images>
<p title = Tooltip text for an element>
```

Tags:

Basic HTML
`<!DOCTYPE>`: Defines document type.
`<html>`: HTML document.
`<head>`: Metadata.
`<title>`: Document title.
`<body>`: Body content.
`<h1>`-`<h6>`: Headings.
`<p>`: Paragraph.
`<br>`: Line break.
`<hr>`: Content change.
`<!--...-->`: Comment.

Forms & Input
`<form>`: HTML form.
`<input>`: Input control.
`<textarea>`: Multiline input.
`<button>`: Button.
`<select>`: Dropdown.
`<label>`: Input label.
`<fieldset>`: Group elements.
`<legend>`: Fieldset caption.
`<output>`: Calculation result.

Images
`<img>`: Image.
`<map>`: Image map.
`<area>`: Image map area.
`<canvas>`: Graphics.
`<figure>`: Self-contained content.
`<figcaption>`: Figure caption.

Tables
`<table>`: Table.
`<tr>`: Table row.
`<td>`: Table cell.
`<th>`: Header cell.
`<caption>`: Table caption.

Styles/Semantics
`<style>`: Style info.
`<div>`: Section.
`<span>`: Inline section.
`<header>`: Header.
`<footer>`: Footer.
`<section>`: Section.
`<article>`: Article.

Programming
`<script>`: Client-side script.
`<noscript>`: Alternate content.
`<embed>`: External resource.
`<object>`: External resource container.

Formatting
`<abbr>`: Abbreviation.
`<address>`: Contact info.
`<b>`: Bold.
`<bdi>`: Text direction isolation.
`<bdo>`: Overrides text direction.
`<blockquote>`: Quoted section.
`<cite>`: Work title.
`<code>`: Code snippet.
`<del>`: Deleted text.
`<em>`: Emphasized text.
`<ins>`: Inserted text.
`<kbd>`: Keyboard input.
`<mark>`: Highlighted text.
`<pre>`: Preformatted text.
`<s>`: Incorrect text.
`<small>`: Smaller text.
`<strong>`: Important text.
`<sub>`: Subscript.
`<sup>`: Superscript.
`<time>`: Time/date.
`<u>`: Unarticulated text.

Frames
`<iframe>`: Inline frame.

Audio/Video
`<audio>`: Sound.
`<video>`: Video.
`<source>`: Media resource.
`<track>`: Text tracks.

Links
`<a>`: Hyperlink.
`<link>`: External resource.
`<nav>`: Navigation links.

Lists
`<ul>`: Unordered list.
`<ol>`: Ordered list.
`<li>`: List item.
`<dl>`: Description list.
`<dt>`: Term in a description list.
`<dd>`: Description of the term.

Meta Info
`<meta>`: Metadata.
`<base>`: Base URL.

JavaScript Basics:

```html
<script>
  alert('Hello, World!');
</script>
<button onclick="alert('Button clicked!')">Click Me</button>
<p onmouseover="this.style.color='blue';">Hover over this text
to change its color!</p>
```

File referencing: Link referencing:
directory/name.extension   https://site.domain

#e44d26 #f16529 #22212c #433c56 #b46a9c #bce175 #ffffff #f5f3f1