CSS: The Complete Beginner-to-Advanced Guide

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1. Introduction to CSS

CSS (Cascading Style Sheets) is used to control the appearance of HTML elements. It helps you

add colors, layouts, fonts, and spacing to your webpages.

2. How CSS Works

CSS works by selecting HTML elements and applying styles to them. The browser reads the CSS and applies the rules to the matched elements.

3. Adding CSS to HTML

There are 3 ways:

- Inline: <p style="color: red;">Text</p>

- Internal: Inside a <style> tag in the HTML head

- External: Linking a .css file

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

4. CSS Syntax and Selectors

```
selector {
  property: value;
}
```

Example:

```
p {
  color: blue;
  font-size: 16px;
}
```

Selectors can be:

- Type selectors: p, h1

- Class selectors: .className

- ID selectors: #idName

- Grouped selectors: h1, h2

- Descendant selectors: div p

... (Continues through section 20 and Appendix)