**CSS**

1. **Introduction to CSS (Cascading Style Sheets)**

CSS is a stylesheet language used to describe the presentation of a document written in HTML. It defines how HTML elements are displayed on screen, paper, or other media. CSS helps separate content from design, making web development cleaner and more flexible.

1. **Types of CSS Styles**

There are mainly three types of CSS styles:

1. **External Style Sheet:** With an external style sheet, you can change the look of an entire website by changing just one file
2. **Internal Style Sheet:** An internal style sheet may be used if one single HTML page has a unique style.
3. **Inline Style:** An inline style may be used to apply a unique style for a single element.
4. **CSS Selectors**

CSS selectors are used to "find" (or select) the HTML elements you want to style.

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| | **Selector Type** | **Example** | **Description** | | --- | --- | --- | | Element Selector | p | Styles all <p> elements | | ID Selector | #header | Targets element with id="header" | | Class Selector | .menu | Targets all elements with class | | Group Selector | h1, h2, h3 | Targets multiple elements | | Descendant Selector | div p | Styles <p> inside <div> | |

1. **CSS Basic Properties**

Here are commonly used properties:

| **Property** | **Purpose** | **Example** |
| --- | --- | --- |
| color | Text color | color: red; |
| background | Background color/image | background-color: yellow; |
| font-size | Size of text | font-size: 18px; |
| margin | Space outside the border | margin: 10px; |
| padding | Space inside the border | padding: 5px; |
| border | Adds border around an element | border: 1px solid black; |
| text-align | Alignment of text | text-align: center; |