Lesson:

Introduction to Emmet and Speedy HTML

Topics Covered

- What is Emmet?
- Basic Syntax of Emmet
- Advantages of Emmet

What is Emmet?

Emmet is a shorthand abbreviation syntax for writing HTML and other markup languages in a more concise and efficient manner.

It can help developers to write HTML syntax faster. If you are using vscode as editor, it will be automatically installed in your editor.

Basic Syntax of Emmet

1. Elements

We can generate HTML tags using abbreviations provided by Emmet.

Syntax:

```
Unset
element_name + Tab Key
```

Create **div**

Emmet Abbreviation	HTML
div	

Create **span**

Emmet Abbreviation	HTML
span	

Create **h1**

Emmet Abbreviation	HTML
h1	

Similarly we can create all other HTML elements.

2. Text: {}

We can add text to any HTML element (not void) using {} as follows,

Syntax:

Unset
element_name{your text} + Tab Key

Add text to the heading.

Emmet Abbreviation	HTML
h1{Add Your Text Here}	‹h1›Add Your Text Here‹/h1›

Add text to para.

Emmet Abbreviation	HTML
p{Your paragraph comes here}	‹p›Your paragraph comes here‹/p›

Add text to the anchor tag.

Emmet Abbreviation	HTML
a{Click me}	‹a href=""›Click me‹/a›

Attribute Operators

1. Id operator #

Use # symbol to set **id** of any element.

Examples

Emmet Abbreviation	HTML
div#main	‹div id="main"› ‹/div›
span#bigtext	‹span id="bigtext"›‹/span›

2. Class operator .

Use . symbol to set the **class** of any element.

Examples

Emmet Abbreviation	HTML
div.main	‹div class="main"› ‹/div›
div.main.class1.class2	‹div class="main class1 class2"› ‹/div›

3. General Attribute

We use below syntax to set attributes other than class or id.

elementType[attributeName=attributeValue]

Examples

Emmet Abbreviation	HTML
input.[name="email"]	‹input name="email"› ‹/input›
img[alt="alt text"]	‹img alt="alt text"› ‹/img›

Advantages of using Emmet

1. **Increased productivity:** By using Emmet abbreviations and shortcuts, developers can save time and reduce the number of keystrokes needed to write code.
2. **Improved code consistency:** Emmet helps to ensure that code follows a consistent structure and formatting style, which can make it easier to understand and maintain
3. **Simplified coding:** With Emmet, developers can write complex HTML and CSS code with just a few keystrokes.