Attributes in HTML : by Gagan Baghel

Attributes provide additional information about HTML elements.

1. They are always defined in the opening tag and are typically key-value pairs.

2. Attributes define element properties, control behavior, or provide metadata.

Types of Attributes

- **Core Attributes**

  1. `id` : Specifies a unique identifier for an element.

  2. `title` : Provides additional information about the element.

  3. `class` : Specifies the class for the element.

  4. `style` : Applies inline styles to an element.

- **Internationalization Attributes**

  1. `dir` : Specifies text direction (e.g., left-to-right).

  2. `lang` : Defines the language of the document (e.g., "en" for English).

- **Generic Attributes**

  1. `align` : Aligns content within an element.

  2. `src` : Specifies the location of an external resource.

  3. `alt` : Provides alternative text for an image.

  4. `width` & `height` : Specifies the size of an element.

  5. `href` : Specifies the link target for anchor tags.

- **Global Attributes**

  1. `accesskey` : Defines a shortcut key for an element.

  2. `translate` : Specifies if content should be translated.

  3. `class` : Used to select an element via CSS.

  4. `title` : Provides additional information about an element.

  5. `contenteditable` : Specifies whether an element's content is editable.

  6. `tabindex` : Sets the tabbing order of elements.

  7. `dir` : Specifies the text direction (e.g., "ltr" for left-to-right).

  8. `spellcheck` : Enables or disables spelling and grammar checking.

  9. `draggable` : Specifies if an element is draggable.

  10. `dropzone` : Specifies what happens when dragged content is dropped.

- **Other Types of Attributes**

  1. **Event Attributes**: Handle page events such as `onload` , `onerror` , `onpagehide` .

  2. **Form Event Attributes**: Handle form-related events like `onfocus` , `onblur` , `onchange` .

  3. **Key Event Attributes**: Handle keyboard events such as `onkeydown` , `onkeypress` , `onkeyup` .

  4. **Mouse Event Attributes**: Handle mouse events such as `onclick` , `onmousemove` , `onmouseup` , `onwheel` .