

# #HTML30Days

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#Day4



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# HTML Attributes

HTML attributes provide additional information about an HTML element. They are always specified in the opening tag and can modify an element's behavior or appearance.

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#Day 4

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# Attributes in HTML:

Attributes provide additional information about HTML elements and are always specified in the opening tag of an element. They are used to modify an element's behavior, or appearance, or provide extra information.

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## #Day 4

## Examples of Attributes:


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## 'src' Attribute for Images:

## Explanation:

- The **src** attribute is used with the **<img>** tag to specify the source (i.e., the file path or URL) of the image to be displayed on the webpage.

## Example:



```
1 
```

## Usage:

- In this example, the **src** attribute points to the image file "image.jpg," and the alt attribute provides alternative text for the image for accessibility and SEO purposes.

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## ‘href’ Attribute for Links:

### Explanation:

- The **href** attribute is used with the **<a>** tag to define the hyperlink's destination URL, which determines where the link will take the user when clicked.

### Example:



```
1 <a href="https://www.example.com">Visit Example Website</a>
```

### Usage:

- In this case, the **href** attribute contains the **URL** “<https://www.example.com>” and the link text is “Visit Example Website.”

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## 'class' Attribute for Styling:

### Explanation:

- The **class** attribute is used to assign one or more class names to an element. This allows you to apply CSS styles to specific elements.

### Example:

```
1 <p class="important-text">This text is styled differently.</p>
```

### Usage:

- By adding the **class** attribute with the value "important-text," you can define CSS rules that target this specific paragraph for styling.

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## #Day 4

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## 'id' Attribute for Uniqueness:

### Explanation:

- The id attribute provides a unique identifier for an HTML element. Unlike classes, IDs must be unique within a webpage.

### Example:



```
1 <div id="header">This is the header section</div>
```

### Usage:

- The **id** attribute is often used to identify specific elements for JavaScript manipulation or unique styling.

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## #Day 4

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## Importance of Attributes:

Attributes are essential in HTML because they allow you to:

- **Control Behavior:** Attributes like **src** and **href** determine the behavior of elements like images and links.
- **Enhance Accessibility:** Attributes like **alt** in images and **title** in links provide alternative text and additional information for users with disabilities.

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## #Day 4

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## Importance of Attributes:

Attributes are essential in HTML because they allow you to:

- **Apply Styling:** Attributes like **class** and **id** enable you to apply CSS styles to elements, allowing for attractive and consistent web design
- **Create Interactivity:** Attributes like **onclick** and **data-\*** attributes can be used to add interactivity and custom functionality to elements using JavaScript.

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Attributes play a significant role in customizing and optimizing the behavior and appearance of your HTML elements, contributing to a richer and more interactive web experience.

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Created By: Aryan Pariyar



@aryanpariyarofficial



@aryanpariyarofficial



@aryanpariyar12

