

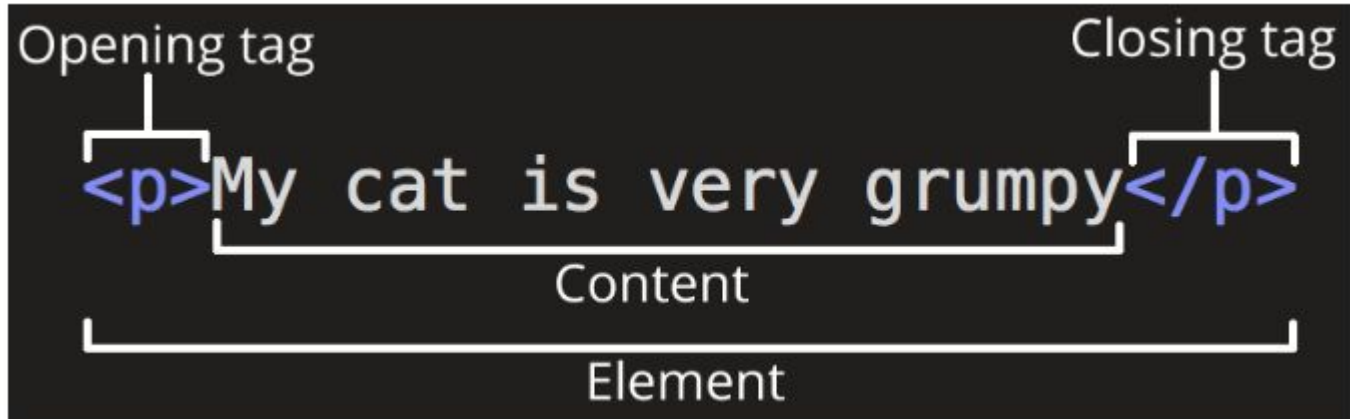


# Session Two Lecture - Element Attribute

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**An element is comprised of an opening tag, the closing tag and the tag's content.**

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The structure of an HTML element.



## Structure of an Element

- **Opening Tag** - This is the start of the element **i.e.** `<p>`. All element are wrapped using **angle brackets** (`<>`)
- **Closing Tag** - This is the end of the element. It is the **same** as the opening tag except there is a **forward ( / ) slash** that comes **before** the the tag's name **i.e.** `</p>`
- The content of the element can be text or a **URL** to an image.

**All HTML Elements have attributes in the same way all human have attributes such as height, weight, gender and skin color.**

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Attribute



```
<p class="editor-note">My cat is very grumpy</p>
```

The diagram illustrates the structure of an HTML paragraph tag. A horizontal line with a vertical drop at its center points to the word 'Attribute'. The line extends to the left and right, with short vertical ticks at each end, bracketing the 'class="editor-note"' portion of the code snippet below.

An example of the class attribute used with a paragraph (p) tag.



## Structure of Element Attribute

- **Attribute Name** - The given name of the attribute i.e. **class, style, id**.
- **Attribute Value** - A valid text that provide the attribute with a particular value i.e. **margin: 0 auto**
- The attribute of an element **must be placed within the start tag of the element** i.e. `<p style="color:red"></p>`
- The attribute's value can be a single value or multiple values.



## Commonly used HTML Element Attributes

- **alt** - used with image tags to provide info if the image wasn't displayed
- **href** - specifies the link's destination, mostly used in `<a>` and `<link>` tags
- **id** - gives any element on the web page a unique name or number
- **src** - specifies the location of a resource.
- **style** - specifies the **inline** style of an element. Applies to all elements
- **title** - Used mostly as tooltip text once a user hovers over the element.



**All the commonly used HTML element attributes take a single attribute value except the style attribute which can take one or more values.**

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# Class Activity

## Applying Attributes to HTML Elements