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Agenda

- HTML Anatomy
 - Head Section and Important Tags
 - Body Section and Its Importance
 - Definition of Elements and Their Types
 - Definition of Attributes
 - Heading Elements and Their Types
 - Paragraph Elements
 - Image Elements
 - Link Elements
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- 

Basic HTML Anatomy

The structure of an HTML document ensures browsers interpret it correctly. It consists of the **<!DOCTYPE html>** declaration, **<html>**, **<head>**, and **<body>**.

```
<!DOCTYPE html>
<html>
<head>
  <title>Basic HTML Page</title>
</head>
<body>
  <h1>Welcome!</h1>
</body>
</html>
```

Head Section and Important Tags

The <head> section contains metadata, including the <title> (defines the page's title) and <meta> (provides information like description and character encoding).

```
<title>My First Page</title>
```

```
<meta name="description" content="This is a basic HTML page.">
```

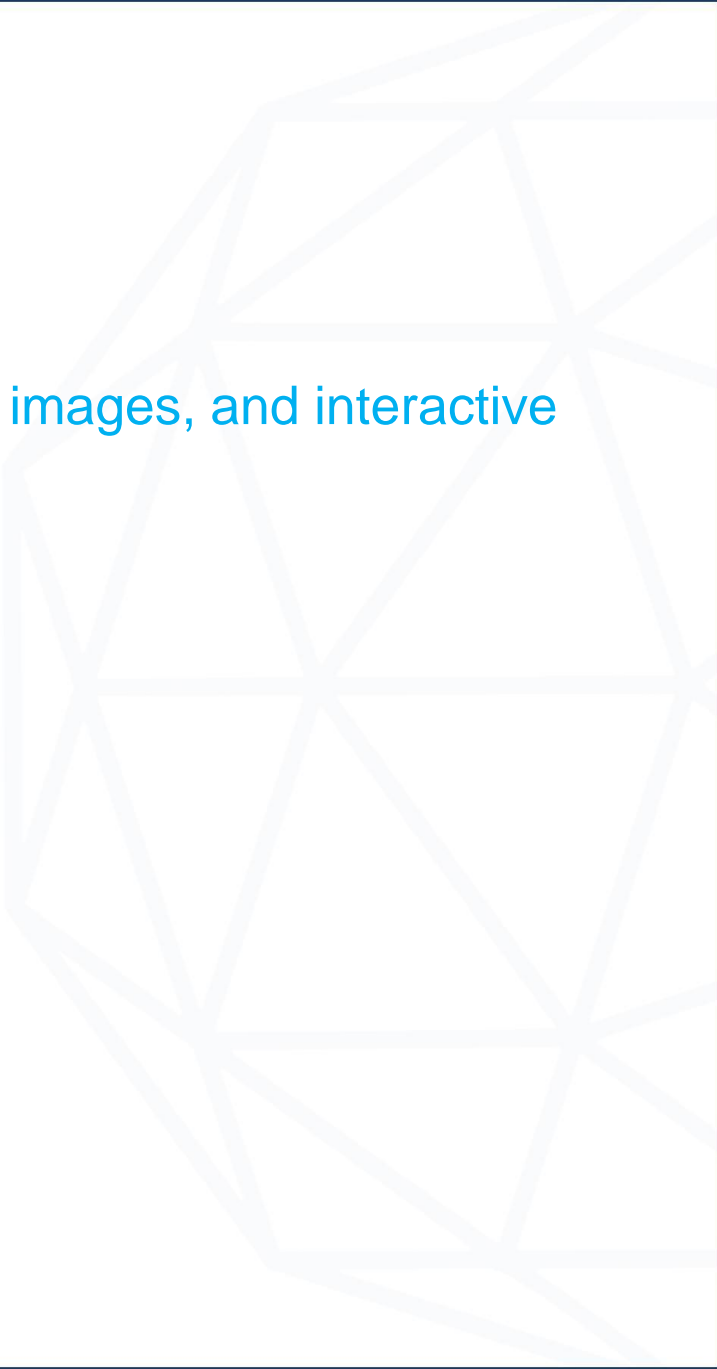
```
<head>  
  <title>Sample Page</title>  
  <meta charset="UTF-8">  
  <meta name="description" content="Learn HTML basics">  
</head>
```



Body Section

The **<body>** contains all visible content of the webpage, such as text, images, and interactive elements. It is the primary area displayed in the browser.

```
<body>  
  <h1>Main Heading</h1>  
  <p>This is some content inside the body.</p>  
</body>
```



Definition of Elements

HTML elements are building blocks of a webpage. They consist of opening and closing tags, with content in between. Elements can be **normal** or **self-closing**.

```
<p>This is a normal element.</p>
```

```

```

Definition of Attributes

Attributes provide additional information about HTML elements, like **id**, **class**, or **style**.

```

```

```
<a href="https://example.com" target="_blank" rel="noopener">Example</a>
```

```
<p id="intro" class="highlight">This is a paragraph with attributes.</p>
```


Heading Elements

Headings define the hierarchy of content on a webpage, ranging from **<h1>** (most important) to **<h6>** (least important).

```
<h1>Main Heading</h1>  
<h2>Subheading</h2>  
<h3>Smaller Heading</h3>
```

You can style the heading elements also.

```
<h1 style="color: blue;">Blue Heading</h1>
```

Paragraph Elements

Paragraphs `<p>` are used to write blocks of text in HTML. They are block-level elements.

```
<p>This is a paragraph.</p>
```

You can add multiple paragraphs in the same page.

```
<h1 style="color: blue;">Blue Heading</h1>
```

Image Elements

The `` tag is used to embed images in a webpage. It is a self-closing element.

```

```

To resize the image, we can use **width** and **height** attributes:

```

```

Link Elements

The `<a>` tag (anchor tag) is used to create hyperlinks, allowing navigation to other pages or resources.

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

You can make the link open in another tab using **target** attribute:

```
<a href="https://example.com" target="_blank">Open in New Tab</a>
```

Also, you can make the link navigate to a section in the same page:

```
<a href="#section1">Go to Section 1</a>
```

List Elements

Unordered HTML List

An unordered list starts with the tag. Each list item starts with the tag.

```
<ul>  
  <li>Coffee</li>  
  <li>Tea</li>  
  <li>Milk</li>  
</ul>
```

Ordered HTML List

An ordered list starts with the tag. Each list item starts with the tag.

```
<ol>  
  <li>Coffee</li>  
  <li>Tea</li>  
  <li>Milk</li>  
</ol>
```


THANK YOU

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