

Module 1

Introduction to Web Development & HTML Basic

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Agenda

- **STRUCTURE OF AN HTML DOCUMENT**
- **BASIC HTML ELEMENTS**
- **LISTS**
- **ADDING LINKS, IMAGES, AND BUTTONS**

1. STRUCTURE OF AN HTML DOCUMENT

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <title>My First Webpage</title>
```

```
</head>
```

```
<body>
```

```
    <h1>Welcome to My Webpage</h1>
```

```
    <p>This is a simple webpage.</p>
```

```
</body>
```

```
</html>
```

Explanation



<!DOCTYPE html>` : Declares the document type.

<html>` : The root element.

<head>` : Contains meta-information (title, links, scripts).

<title>` : Sets the title of the webpage.

<body>` : Contains the visible content.

Basic HTML Elements



Headings, Paragraphs, and Text Formatting:

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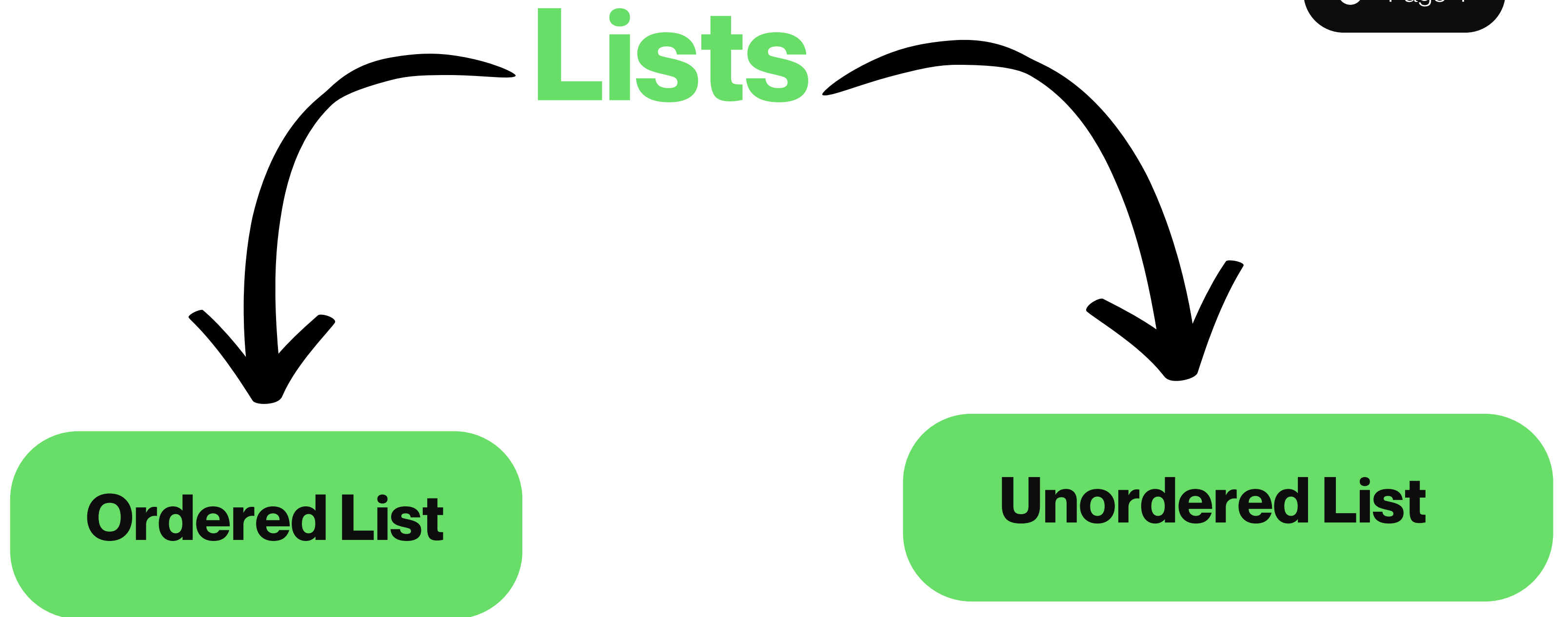
```
<h1>Heading 1</h1>
```

```
<h2>Heading 2</h2>
```

```
<p>This is a paragraph. <strong>Bold text</strong> and <em>italic text</em>.</p>
```

```
...
```

- ``<h1>`` to ``<h6>``: Headings (largest to smallest).
- ``<p>``: Paragraphs.
- ````: Bold text.
- ````: Italic text.



Ordered List:

```
'''html
```

```
<ol>|
```

```
<li>First item</li>
```

```
<li>Second item</li>
```

```
</ol>
```

```
'''
```

Unordered List:

```
` `` `html
```

```
<ul>
```

```
<li>Item one</li>
```

```
<li>Item two</li>
```

```
</ul>
```


Explanation



- `` : Ordered list (numbered).
- `` : Unordered list (bullets).
- `` : List item.

Link

Image

Buttons



Link

```
```html
```

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

```
```
```

image



```
```html
```

```

```

```
```
```

Button



```
```html
```

```
<button>Click Me</button>
```

```
```
```

- ``<a>`` : Creates hyperlinks.
- ```` : Embeds images.
- ``<button>`` : Creates clickable buttons.

Thank You!



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