IFrames and Embedding Content

What is an IFrame?

An `<iframe>` (inline frame) is used to embed another webpage or external content inside your HTML page.

Basic Syntax

```
<iframe src="https://example.com" width="600" height="400"></iframe>
```

- `src` specifies the URL of the page to embed.
- `width` and `height` set the size of the frame.

Example: Embed a Website

```
<iframe src="https://www.wikipedia.org" width="800" height="500"></iframe>
```

Example: Embed a YouTube Video

YouTube provides embed code for each video.

```
<iframe width="560" height="315"
  src="https://www.youtube.com/embed/dQw4w9WgXcQ"
```

```
    frameborder="0"
    allowfullscreen>
</iframe>
```

Attributes

Attribute	Description
`src`	URL of the page or content
`width` , `height`	Size of the iframe
`frameborder`	Border of the frame (0 = none)
`allowfullscreen`	Allows video to go full screen
`loading="lazy"`	Delays loading until iframe is visible

Security Note

Some websites may **block iframe embedding** for security reasons using headers like `X-Frame-Options` .

Tip

- Use `<iframe>` to embed maps, videos, forms, and external tools.
- Always set appropriate width and height for better layout control.