HTML Iframes

The HTML `<iframe>` tag is used to embed a webpage within a webpage. It is also called an inline frame. For example,

```html
<iframe src="https://programiz.pro" title="programiz pro website" height="500" width="500" ></iframe>
```

Browser Output

Here,

- `src`: It is used to specify the URL of the website to be loaded.
- `title`: It is good practice to include a `title` attribute so that screen readers can read the title to users.

Other Attributes for <iframe>

There are some importat attributes for `<iframe>`. They are:

- height and width
- name
- srcdoc

We will explore each of them in detail.

height and width

We can set the height and width of the `<iframe>` element with the `height` or `width` attribute. For example,

```
<iframe src="https://programiz.pro" height="200" width="300"></iframe>
```

We can also use CSS to set the width and height of the `<iframe>` using the `style` attribute. For example,

```
<iframe src="https://programiz.pro" style="height:200px;width:300px"></iframe>
```

It is important to add height and width to allocate space on the webpage for the iframe. It prevents content from moving when the iframe loads.

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name

The `name` attribute is used to specify the name for an iframe. It can be used as a target for other HTML elements like the `<a>` tag. For example,

```
<iframe src="https://parewalabs.com" name="iframe_target" height="500" width="400"></iframe>
```

```
<a href="https://www.programiz.pro" target="iframe_target">Switch to Programiz Pro</a>
```

Browser Output (Before Clicking the link)

Browser Output (After clicking the link)

Here, clicking the `<a>` tag changes the URL of the target instead of the current window.

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srcdoc

Instead of a website URL, we can send HTML directly to the iframe, which will be displayed instead of another website. For example,

```
<iframe srcdoc="<h1>Learn to code</h1>"></iframe>
```

Browser Output