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Iframes

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Overview

A HTML iframe is used to display a web page within a web page.

Iframe Basics

Creating an Iframe

A HTML iframe is defined with the `<iframe>` tag. The `src` attribute specifies the URL (web address) of the inline frame page.

```
<iframe src="URL"></iframe>
```

We can also add `height` and `width` attributes to specify the size of the iframe page.

(Note:The height and width are specified in pixels by default)

```
<iframe src="https://en.wikipedia.org/wiki/HTML_element#Frames" height="200" width="600"></iframe>
```

We can also set the height and width via CSS:

```
<iframe src="demo_iframe.htm" style="height:200px;width:600px;"></iframe>
```

Iframe Borders

By default, an iframe has a border around it. We can remove the border by adding the `style` attribute and using the CSS `border` property:

```
<iframe src="demo_iframe.htm" style="border:none;"></iframe>
```



With CSS, we can also change the size, style and colour of the iframe's border:

```
<iframe src="demo_iframe.htm" style="border:2px solid red;"></iframe>
```



Target Frames

An iframe can be used as the target frame for a link.

The `target` attribute of the link must refer to the `name` attribute of the iframe.

Looking at the example below, the iframe has `name="iframe_a"` and the paragraph has `target="iframe_a"`. As a result when the the `a href` is clicked, it will then be displayed in the iframe:

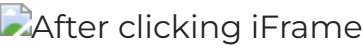
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```
<iframe height="300px" width="100%" src="qa_demo_iframe.htm" name="iframe_a">
</iframe>
<p><a href="https://en.wikipedia.org/wiki/HTML_element#Frames"
target="iframe_a">Wiki on iFrames</a></p>
```

Before:



After:



Tutorial

There is no tutorial for this module.

Exercises

1. Create a HTML page with the following:
- An **iframe** that links to ["https://en.wikipedia.org/wiki/HTML_element#Frames"](https://en.wikipedia.org/wiki/HTML_element#Frames)
 - Thin black **border**
 - **width** of 100%
 - **height** of 300px

▼ Solution

```
<html>
  <body>
    <p>An iframe with no borders:</p>
    <iframe src="/default.asp" width="100%" height="300"
style="border:1px solid black;"></iframe>
  </body>
</html>
```