HTML

HyperText Markup Language
(Week 7)

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HTML IFRAME

HTML IFRAME

An iframe or inline frame is used to display external objects including other web pages within a web page. An iframe pretty much acts like a mini web browser within a web browser. Also, the content inside an iframe exists entirely independent from the surrounding elements.

The basic syntax for adding an iframe to a web page can be given with:

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

The URL specified in the src attribute points to the location of an external object or a web page.

The following example display "hello.html" file inside an iframe in current document.

```
<iframe src="hello.html"></iframe><iframe src="hello.html"></iframe>
```

Full code with result:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>HTML iFrame</title>
</head>
<body>
    <iframe src="/examples/html/hello.html"></iframe>
</body>
</html>
```

Hello World

This HTML document is embedded inside the current document using an iframe.

SETTING WIDTH AND HEIGHT OF AN IFRAME

The height and width attributes are used to specify the height and width of the iframe.

```
<iframe src="hello.html" width="400" height="200"></iframe>
```

You can also use CSS to set the width and height of an iframe, as shown here:

```
<iframe src="hello.html" style="width: 400px; height: 200px;"></iframe>
```

Full code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Specify iFrame Dimensions in HTML</title>
</head>
<body>
    <h2>Specify Width and Height Using Attributes</h2>
    <iframe src="/examples/html/hello.html" width="400" height="200"></iframe>
    <hr>
    <h2>Specify Width and Height Using CSS</h2>
    <iframe src="/examples/html/hello.html" style="width: 400px; height: 200px;">
</iframe>
</body>
</html>
```
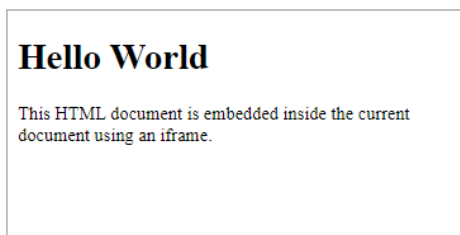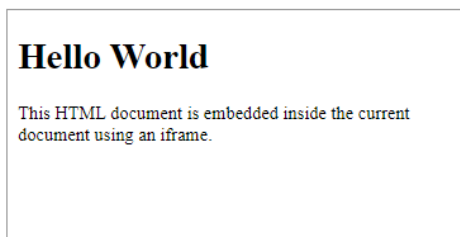
Result:

Specify Width and Height Using Attributes

Hello World

This HTML document is embedded inside the current
document using an iframe.

Specify Width and Height Using CSS

Hello World

This HTML document is embedded inside the current
document using an iframe.

Activate Windows
Go to PC settings to activate Wir

Note: The width and height attribute values are specified in pixels by default, but you can also
set these values in percentage, such as 50%, 100% and so on. The default width of an iframe is
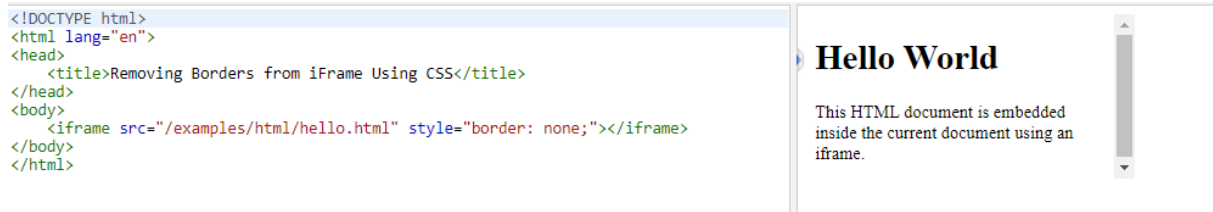300 pixels, whereas the default height is 150 pixels.

REMOVING DEFAULT FRAMEBORDER

The iframe has a border around it by default. However, if you want to modify or remove the
iframe borders, the best way is to use the CSS border property.
The following example will simply render the iframe without any borders.

```html
<iframe src="hello.html" style="border: none;"></iframe>
```

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Full code with result:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Removing Borders from iFrame Using CSS</title>
</head>
<body>
    <iframe src="/examples/html/hello.html" style="border: none;"></iframe>
</body>
</html>
```

Hello World

This HTML document is embedded
inside the current document using an
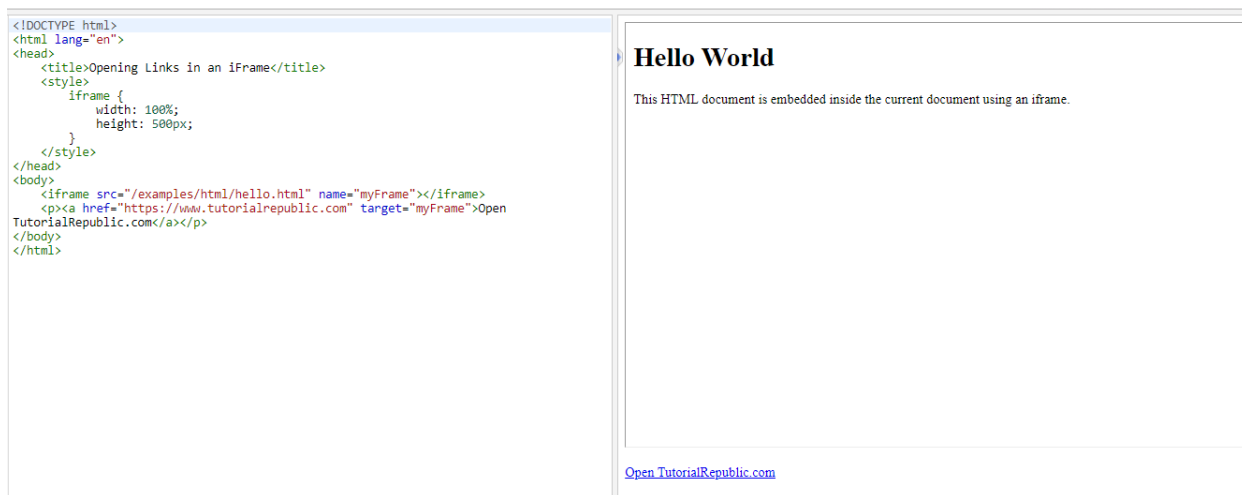iframe.

USING AN IFRAME AS LINK TARGET

An iframe can also be used as a target for the hyperlinks.

An iframe can be named using the name attribute. This implies that when a link with a target attribute with that name as value is clicked, the linked resource will open in that iframe.

Let's try out an example to understand how it basically works:

```
<iframe src="demo-page.html" name="myFrame"></iframe>
<p><a href="https://www.tutorialrepublic.com" target="myFrame">Open
TutorialRepublic.com</a></p>
```

Full code with result:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Opening Links in an iFrame</title>
    <style>
        iframe {
            width: 100%;
            height: 500px;
        }
    </style>
</head>
<body>
    <iframe src="/examples/html/hello.html" name="myFrame"></iframe>
    <p><a href="https://www.tutorialrepublic.com" target="myFrame">Open
TutorialRepublic.com</a></p>
</body>
</html>
```

Hello World

This HTML document is embedded inside the current document using an iframe.

Open TutorialRepublic.com

References:

What is HTML? The basics of Hypertext markup Language explained. (2019, November 25).
Retrieved February 06, 2021, from https://www.hostinger.ph/tutorials/what-is-html

Difference between HTML and HTML5 - JAVATPOINT. (n.d.). Retrieved February 06, 2021,
from https://www.javatpoint.com/html-vs-
html5#:~:text=A%20hypertext%20markup%20language%20(HTML,markup%20language
%20with%20Internet%20technologies.&text=Language%20in%20HTML%20does%20not,
supports%20both%20video%20and%20audio.

Hurmat, H. (2014, October 30). HTML introduction. Retrieved February 06, 2021, from
https://www.slideshare.net/hamedahurmat/html-introduction-40911433

Learn html - free interactive html tutorial. (n.d.). Retrieved February 06, 2021, from
https://www.learn-html.org/

Learn to code html & css. (n.d.). Retrieved February 06, 2021, from
https://learn.shayhowe.com/html-css/building-your-first-web-page/

HTML tutorial. (n.d.). Retrieved February 06, 2021, from https://www.tutorialrepublic.com/html-
tutorial/