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HTML | Links

Difficulty Level : Easy • Last Updated : 05 Dec, 2022

What is a link?

It is a connection from one web resource to another. A link has two ends, An anchor and direction. The link starts at the "source" anchor and points to the "destination" anchor, which may be any Web resource such as an image, a video clip, a sound bite, a program, an HTML document or an element within an HTML document. You will find many websites or social media platforms (Like YouTube, Instagram) which link an image to a URL or a text to a URL etc.

This basically means that by using the 'a' tag, you can link 1 element of the code to another element that may/may not be in your code.

HTML Link Syntax

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Links are specified in HTML using the "a" tag.



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`Text link`

Syntax Explanation:

href : The href attribute is used to specify the destination address of the link used. "href" stands for Hypertext reference.

Text link : The text link is the visible part of the link. It is what the viewer clicks on.

Input :

html

```
<!DOCTYPE html>
<html>
  <h3>Example Of Adding a link</h3>
  <body>

    <p>Click on the following link</p>

    <a href = "https://www.geeksforgeeks.org">GeeksforGeeks</a>
  </body>

</html>
```

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Example Of Adding a link

Click on the following link

[GeeksforGeeks](#)

Internal Links

An internal link is a type of hyperlink whose target or destination is a resource, such as an image or document, on the same website or domain.

Input:

html

```
<!DOCTYPE html>
<html>
<h3>Internal Link And External Link Example</h3>
<body>
```

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```
</a> It is a link to the contribute page on GeeksforGeeks' website.</p>
```

```
//external link
```

```
<p><a href="https://www.geeksforgeeks.org">GeeksforGeeks  
</a> It is a link to the GeeksforGeeks website on the World Wide Web.</p>
```

```
</body>
```

```
</html>
```

Output :

Internal Link And External Link Example

[GeeksforGeeks Contribute](#) It is a link to the contribute page on GeeksforGeeks' website.

[GeeksforGeeks](#) It is a link to the GeeksforGeeks website on the World Wide Web.

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00:00

00:22

2. A visited link appears underlined and purple in colour by default.

3. An active link appears underlined and red in colour by default.

The appearances of links can be changed by using CSS.

Input :

html

```
<!DOCTYPE html>
<html>
<head>
<style>
a:link {
    color: red;
    background-color: transparent;
}
a:visited {
    color: green;
    background-color: transparent;
}
a:hover {
    color: blue;
    background-color: transparent;
}
a:active {
    color: yellow;
    background-color: transparent;
```

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```
<p>Changing the default colors of links</p>
```

```
<p>Visited Link</p>
```

```
<a href="https://www.geeksforgeeks.org">GeeksforGeeks</a>
```

```
<p>Link</p>
```

```
<a href="https://facebook.com">facebook</a>
```

```
<p>hovering effect</p>
```

```
<a href="https://www.geeksforgeeks.org">GeeksforGeeks</a>
```

```
</body>
```

```
</html>
```

Output:



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The Target Attribute in Links

The target attribute is used to specify the location where the linked document is opened. The various options that can be used in the target attribute are listed below in the table:

Changing the default colors of links

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Input:

html

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`<h3>Various options available in the Target Attribute</h3>`

`<p>If you set the target attribute to "_blank",
the link will open in a new browser window or tab.</p>`

`GeeksforGeeks`

`<p>If you set the target attribute to "_self",
the link will open in the same window or tab.</p>`

`GeeksforGeeks`

`<p>If you set the target attribute to "_top",
the link will open in the full body of the window.</p>`

`GeeksforGeeks`

`<p>If you set the target attribute to "_parent",
the link will open in the parent frame.</p>`

`GeeksforGeeks`

`</body>`

`</html>`

Output:



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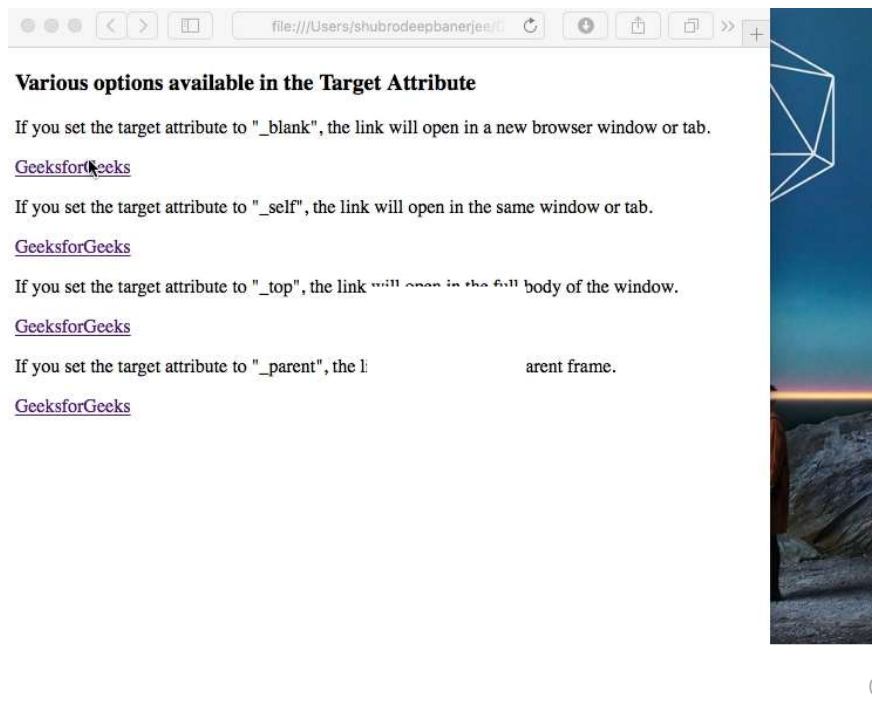
If you set the target attribute to "_self", the link will open in the same window or tab.

[GeeksforGeeks](#)

If you set the target attribute to "_top", the link will open in the full body of the window.

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If you set the target attribute to "_parent", the link will open in the parent frame.

[GeeksforGeeks](#)

Using Image as a Link in HTML

An image can be used to create a link to a specified URL. When the viewer clicks on the link, it redirects them to another page.

The code is ``

```

```

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Input:

html

```
<!DOCTYPE html>
<html>
<body>

<h3>Using Image as a link</h3>

<p>Click on the image to visit GeeksforGeeks homepage.</p>

<a href="https://www.geeksforgeeks.org">
  
</a>

</body>
</html>
```

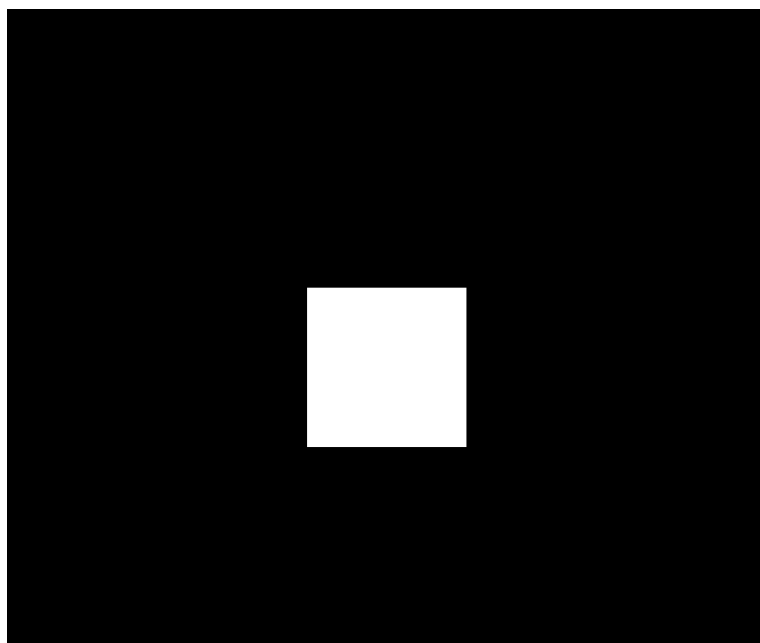
Output:



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Click on the image to visit GeeksforGeeks homepage.



00:00

00:08

Creating a Bookmark Link for a Webpage

A bookmark is a link that can be used to jump to specified portion of a webpage. Bookmarks are very useful if a webpage is quite long.

Steps to create a bookmark are:

1. Using the id attribute, create a bookmark.

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```
<h2 id="T17">Topic 17</h2>
```

2. Add the specified portion of the webpage to the bookmark.

```
<p><a href="#T17">Jump to Topic 17</a></p>
```

Input :

html

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

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`<p>Jump to Topic 17</p>`

`<p>Jump to Topic 20</p>`

`<h2>Topic 1</h2>`

`<p>paragraph 1
.....</p>`

`<h2>Topic 2</h2>`

`<p>paragraph 1
.....</p>`

`<h2>Topic 3</h2>`

`<p>paragraph 1
.....</p>`

`<h2>Topic 4</h2>`

`<p>paragraph 1
.....</p>`

`<h2>Topic 5</h2>`

`<p>paragraph 1
.....</p>`

`<h2>Topic 6</h2>`

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<h2>Topic 7</h2>

<p>paragraph 1
.....</p>

<h2>Topic 8</h2>

<p>paragraph 1
.....</p>

<h2>Topic 9</h2>

<p>paragraph 1
.....</p>

<h2>Topic 10</h2>

<p>paragraph 1
.....</p>

<h2 id="T11">Topic 11</h2>

<p>paragraph 1
.....</p>

<h2>Topic 12</h2>

<p>paragraph 1
.....</p>

<h2>Topic 13</h2>

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<h2>Topic 14</h2>

<p>paragraph 1
.....</p>

<h2>Topic 15</h2>

<p>paragraph 1
.....</p>

<h2>Topic 16</h2>

<p>paragraph 1
.....</p>

<h2 id="T17">Topic 17</h2>

<p>paragraph 1
.....</p>

<h2>Topic 18</h2>

<p>paragraph 1
.....</p>

<h2>Topic 19</h2>

<p>paragraph 1
.....</p>

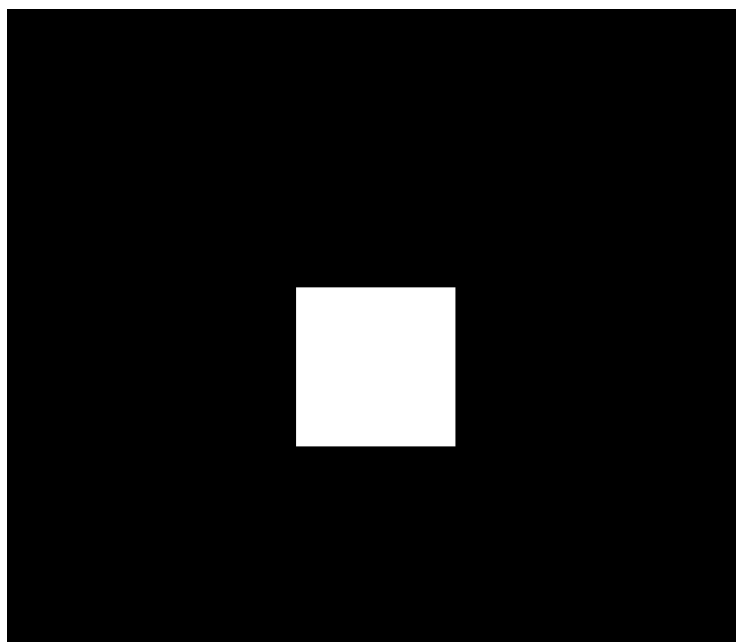
<h2 id="T20">Topic 20</h2>

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```
</body>  
</html>
```

Output:



00:00

00:07

Creating a download link in HTML

A text link of a pdf, doc or zip file can be created to make it downloadable.

Input :

html

```
<!DOCTYPE html>  
<html>
```

```
<h3>Creating a download link</h3>
```

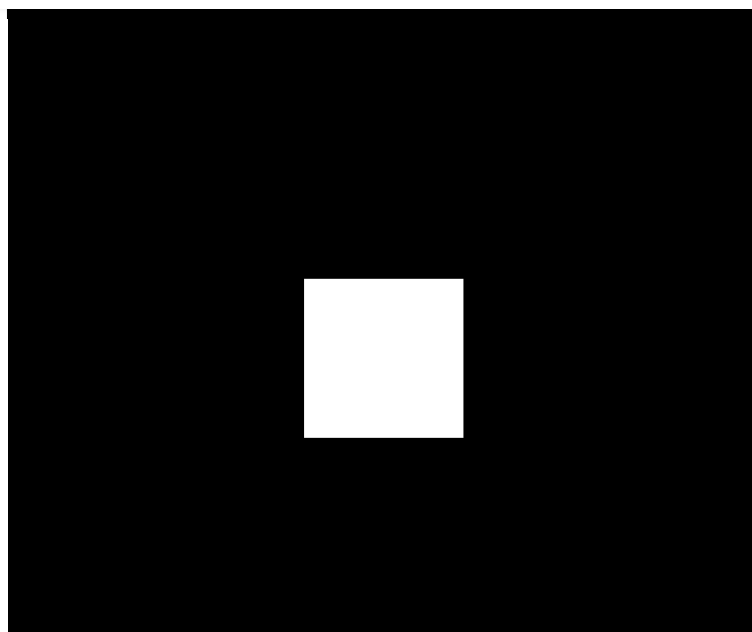
```
<body>
```

```
<a href = "GeeksforGeeks | A computer science portal for geeks.pdf">Download
```

```
</body>
```

```
</html>
```


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00:00

00:13

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- Microsoft Edge
- Firefox
- Opera
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- Brave



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