

## <a> - ANCHOR TAG IN HTML

- **<a> tag** specifies **hyperlink** and that is used to link the pages from **one page to another**.
- The "href" attribute is the most important attribute for the <a> tag, which is used to declare the page link goes to.
- The anchor tag supports the **Global and Event attribute**.
- By default, all browsers the links are appeared as following
  - An unvisited links are indicated blue color with underlined.
  - A visited links are indicated purple color with underlined.
  - An active links are indicated red color with underlined.

### Syntax for <a> tag in HTML

```
<a href="file path or website URL">hyperlink text</a>
```

### Differences between HTML 4.01 and HTML5 for <a> tag:

#### HTML 4.01

- An <a> tag could be either an anchor or a hyperlink.

#### HTML5

- An <a> tag always a hyperlink. If there is no href attribute then it can only be a placeholder for a hyperlink.



### Sample coding for <a> tag:

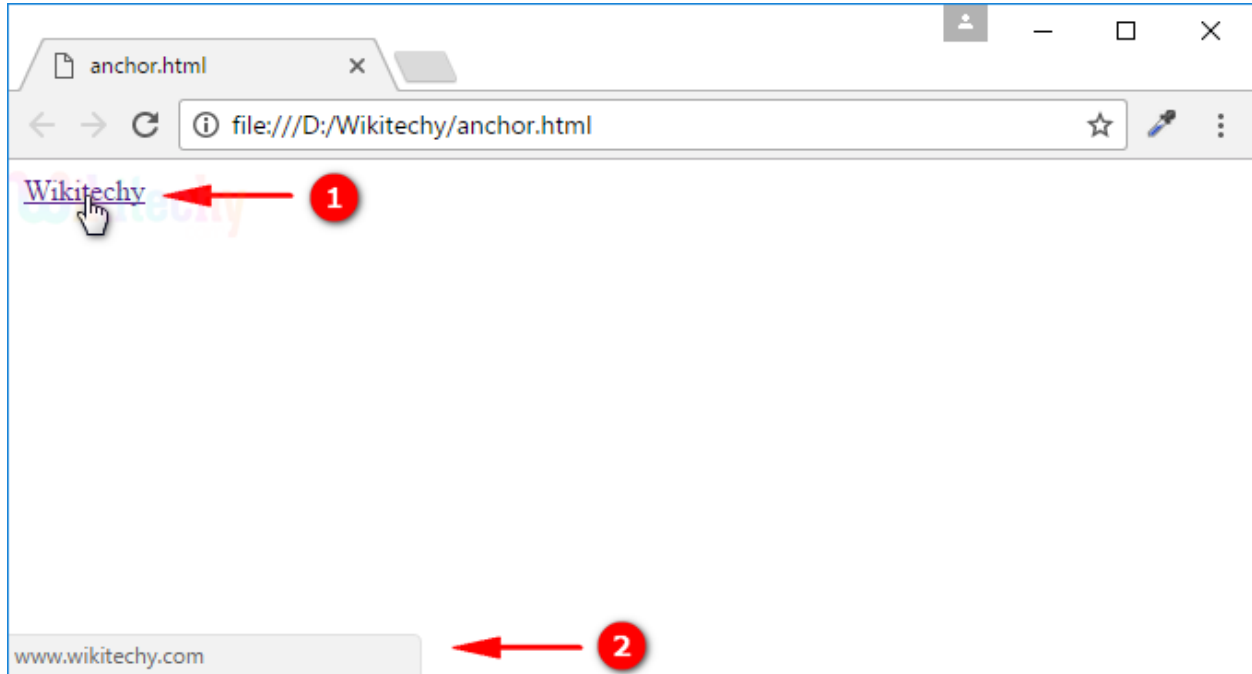
```
<!DOCTYPE html>
<html>
  <body>
    <a href="http://www.wikitechy.com">Wikitechy</a>
  </body>
</html>
```

### Code Explanation for <a> tag:

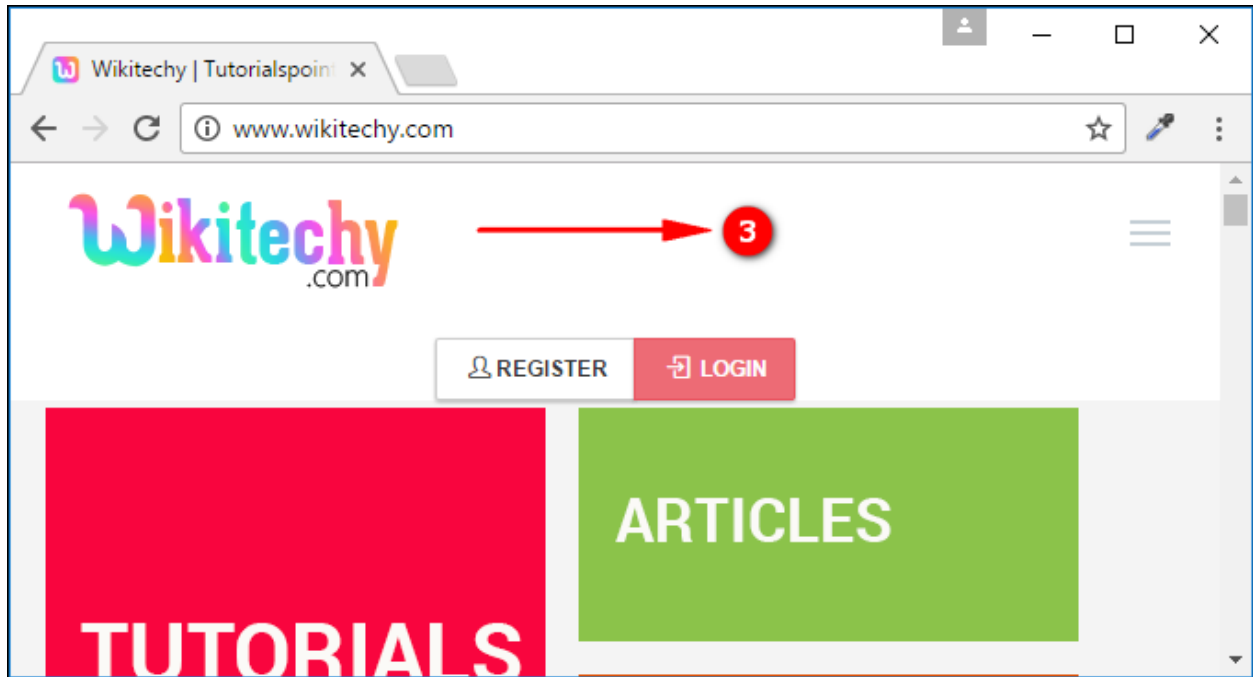
```
<!DOCTYPE html>
<html>
  <body>
    <a href="http://www.wikitechy.com">Wikitechy</a>
  </body>
</html>
```

1. The anchor element used to representing the hyperlink.
2. "href" attribute is used to define the url path (or) link.
3. "**http://www.wikitechy.com**" is global link to the wikitechy website.

### Output of <a> tag:



1. Here the output shows the term **“Wikitechy”** that has been hyper linked which will navigate to wikitechy.com
2. Here we can see the navigation of www.wikitechy.com which is being loaded in the browser window as.



3. When user click the wikitechy that navigate to **www.wikitechy.com** website.

### Attributes List :

Attribute	Value	HTML4	HTML5	Description
value	number	Yes	Yes	Specifies the value of a list item.
charset	char_encoding	Yes	No	Specifies the character-set of a linked document
coords	coordinates	Yes	No	Specifies the coordinates of a link
download	filename	No	Yes	Specifies that the target will be downloaded when a user clicks on the hyperlink
href	URL	Yes	Yes	Specifies the URL of the page the link goes to
hreflang	language_code	Yes	Yes	Specifies the language of the linked document

media	media_query	No	Yes	Specifies what media/device the linked document is optimized for
name	section_name	Yes	No	Specifies the name of an anchor
rel	alternate author bookmark external help license next nofollow norereferrer noopener prev search tag	Yes	Yes	Specifies the relationship between the current document and the linked document
rev	text	Yes	No	Specifies the relationship between the linked document and the current document
shape	default rect circle poly	Yes	No	Specifies the shape of a link

target	_blank _parent _self _top framename	Yes	Yes	Specifies where to open the linked document
type	media_type	Yes	Yes	Specifies the media type of the linked document

### Browser Support for <a> tag:

Browser	Language attribute
Chrome	Yes
Internet explorer / Edge	Yes
Firefox	Yes
Safari	Yes
Opera	Yes

#### TIPS and notes:

If href attribute is not present. The attributes hreflang, media, download, target, type and rel can't be present.

