

## <area> Tag in HTML

- <area> tag defines an area by using image map.
- <area> element is nested in the <map> tag.
- It supports Global and event attributes.
- <area> tag belongs to **Flow content and Phrasing Content category**.

### Syntax for <area> tag:

```
<map> <area>Content here...</area> <map>
```

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

#### HTML 4.01

- nohref attribute supported in HTML4.

#### HTML5

- download, hreflang, media, rel, type attributes are new to HTML5.



### Sample coding for <area> tag:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy area Tag</title>
  </head>
  <body>
    <h2>Wikitechy Tutorials</h2>
    
    <map name="map_name">
      <area shape="rect"
        coords="20,19,126,53"
        href="http://www.wikitechy.com/step-by-step-html-tutorials/html-
introduction"
        alt="HTML Tutorial"
        target="_blank" />
      <area shape="rect"
        coords="22,83,126,125"
        alt="PHP Tutorial"
        href="http://www.wikitechy.com/step-by-step-tutorials/php/php-
introduction"
        target="_blank" />
      <area shape="circle"
        coords="73,168,32"
        alt="CSS Tutorial"
        href="http://www.wikitechy.com/step-by-step-tutorials/css-tutorials/css-
introduction"
        target="_blank" />
    </map>
  </body>
</html>
```

## Code Explanation for <area> tag:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy area Tag</title>
  </head>
  <body>
    <h2>Wikitechy Tutorials</h2>
    
    1 ← <map name="map_name" → 2
      <area shape="rect" → 3
        coords="20,19,126,53" → 4
        href="http://www.wikitechy.com/step-by-step-html-
        tutorials/html-introduction" → 5
        alt="HTML Tutorial" → 6
        target="_blank" /> → 7
      <area shape="rect"
        coords="22,83,126,125"
        alt="PHP Tutorial"
        href="http://www.wikitechy.com/step-by-step-tutorials/php/php-
        introduction"
        target="_blank" />
      <area shape="circle"
        coords="73,168,32"
        alt="CSS Tutorial"
        href="http://www.wikitechy.com/step-by-step-tutorials/css-
        tutorials/css-introduction"
        target="_blank" />
    </map>
  </body>
</html>
```

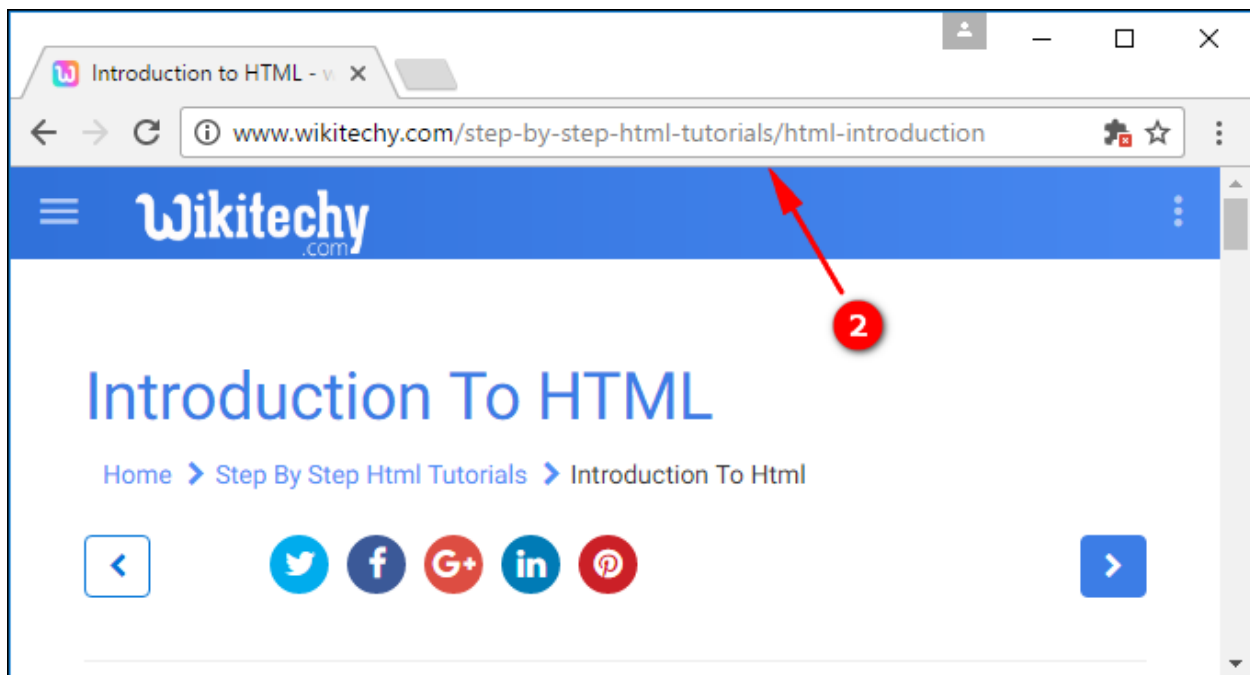
1. <map> tag used to define list of area to map.
2. name attribute used to define a name to the <map> tag which is used in usemap attribute in a <img> tag.
3. shape attribute is used to define a rectangle shaped area to be map.
4. coords attribute is used to co-ordinates of the rectangle as x0,y0,x1,y1.
5. href attribute is used to set a target link to the mapped area.
6. alt attribute is used to define alternate text for the area.
7. target attribute is used to define that page will be opened in a new tab.



## Output for <area> tag:



1. When user click in the rectangle shaped "HTML" area that will be redirected to HTML tutorials.



2. That the HTML tutorials page will be displayed.

**Attributes:**

Attribute	Value	HTML 4	HTML 5	Description
<b>alt</b>	text	Yes	Yes	Specifies an alternate text for the area. Required if the href attribute is present
<b>coords</b>	coordinates	Yes	Yes	Specifies the coordinates of the area
<b>download</b>	filename	No	Yes	Specifies that the target will be downloaded when a user clicks on the hyperlink
<b>href</b>	URL	Yes	Yes	Specifies the hyperlink target for the area
<b>hreflang</b>	language_code	No	Yes	Specifies the language of the target URL
<b>media</b>	media query	No	Yes	Specifies what media/device the target URL is optimized for
<b>nohref</b>	value	Yes	No	Specifies that an area has no associated link
<b>rel</b>	alternate author bookmark help license next nofollow noreferrer prefetch prev search tag	No	Yes	Specifies the relationship between the current document and the target URL

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<b>shape</b>	default rect circle poly	Yes	Yes	Specifies the shape of the area
<b>target</b>	_blank _parent _self _top framename	Yes	Yes	Specifies where to open the target URL
<b>type</b>	media_type	No	Yes	Specifies the media type of the target URL

### Browser Support for <area> tag:

Browser	Language attribute
Chrome (37.0)	Yes
Internet explorer / Edge	NO
Firefox	NO
Safari	NO
Opera(24.0)	Yes