

## LESSON 7: Links

```
<!DOCTYPE html>
<html>
<head>
<title>Links</title>
</head>
<body>
<h1>Links</h1>
<p> The example below used an absolute URL (a full web address)</p>
<a href="https://www.w3schools.com/" target="_blank">Visit W3Schools!</a>
<p> The is relative URL or Local link. It link different webpage from the
same website</p>
<a href="html_images.asp">HTML Images</a>
<p> The image is a link. You can click on it.</p>
<a href="default.asp">
</a>
<p> Click the button to go to the default page.</p>
<button onclick="document.location = 'default.asp'">HTML Tutorial</button>
<p> The information is most often shown as a tooltip text when the mouse
moves over the element.</p>
<a href="https://www.w3schools.com/html/" title="Go to W3Schools HTML
section">Visit our HTML Tutorial</a>
</body>
</html>
```

### Explanation on HTML Elements

- Hyperlinks are defined with the HTML `<a>` tag (element)
- Use the `<a>` element to define a link
- Use the `href` attribute to define the link address
- Use the `target` attribute to define where to open the linked document
- `_blank` - Opens the linked document in a new window or tab
- `_self` - Opens the linked document in the same window/tab as it was clicked (this is default)
- `_parent` - Opens the linked document in the parent frame
- `_top` - Opens the linked document in the full body of the window
- `framename` - Opens the linked document in a named frame
- Use the `<img>` element (inside `<a>`) to use an image as a link
- The `title` attribute specifies extra information about an element.

## Result

The screenshot shows a web browser window with the address bar displaying `file:///C:/Users/User/Desktop/IMS456/links.html`. The page content includes:

- A heading **Links**.
- A paragraph: "The example below used an absolute URL (a full web address)".
- A link: [Visit W3Schools!](https://www.w3schools.com/)
- A paragraph: "The is relative URL or Local link. It link different webpage from the same website".
- A link: [HTML Images](#)
- A paragraph: "The image is a link. You can click on it."
- A button:
- A paragraph: "Click the button to go to the default page."
- A button:
- A paragraph: "The infor Go to W3Schools HTML section hown as a tooltip text when the mouse moves over the element."
- A link: [Visit our HTML Tutorial](#)

Red arrows point from the code snippets on the right to the corresponding elements in the browser window:

- `<a href="https://www.w3schools.com/target="_blank">Visit W3Schools!</a>` points to [Visit W3Schools!](https://www.w3schools.com/)
- `<a href="html_images.asp">HTML Images</a>` points to [HTML Images](#)
- `</a>` points to the  button
- `<button onclick="document.location = 'default.asp'">HTML Tutorial</button>` points to the  button
- `<p> The information is most often shown as a` points to the paragraph "The infor Go to W3Schools HTML section hown as a tooltip text when the mouse moves over the element."
- `<a href="https://www.w3schools.com/html/" title="Go to W3Schools HTML section">Visit our HTML Tutorial</a>` points to [Visit our HTML Tutorial](#)

define where to open the linked document

`<a href="https://www.w3schools.com/" target="_blank">Visit`

Can have one of these value: blank, self, parent, top,

## Extra Note:

- The **href** attribute specifies the destination address (`https://www.w3schools.com/html/`) of the link. This is absolute URL (a full web address)
- A local link (link to the same web site) is specified with a relative URL (without `https://www....`)
- The **title** attribute specifies extra information about an element. The information is most often shown as a tooltip text when the mouse moves over the element.
- The **target** attribute can have one of the following values: **blank, self, parent, top, framename**