* The <!DOCTYPE html> declaration defines that this document is an HTML5 document
* The <html> element is the root element of an HTML page
* The <head> element contains meta information about the HTML page
* The <title> element specifies a title for the HTML page (which is shown in the browser's title bar or in the page's tab)
* The <body> element defines the document's body, and is a container for all the visible contents, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.
* The <h1> element defines a large heading
* The <p> element defines a paragraph

**HTML Headings:**

HTML headings are defined with the <h1> to <h6> tags.

<h1> defines the most important heading. <h6> defines the least important heading:

**The href Attribute:**

The <a> tag defines a hyperlink. The href attribute specifies the URL of the page the link goes to:

**Example: <a href="https://www.w3schools.com">Visit W3Schools</a>**

The <img> tag is used to embed an image in an HTML page. The src attribute specifies the path to the image to be displayed:

The required alt attribute for the <img> tag specifies an alternate text for an image, if the image for some reason cannot be displayed. This can be due to a slow connection, or an error in the src attribute, or if the user uses a screen reader.

**Example: <img src="img\_girl.jpg" alt="Girl with a jacket">**

**HTML Horizontal Rules**

The <hr> tag defines a thematic break in an HTML page, and is most often displayed as a horizontal rule.

The <hr> element is used to separate content (or define a change) in an HTML page:

**Example**

<h1>This is heading 1</h1>  
<p>This is some text.</p>  
<hr>  
<h2>This is heading 2</h2>  
<p>This is some other text.</p>  
<hr>

**HTML Links - The target Attribute**

By default, the linked page will be displayed in the current browser window. To change this, you must specify another target for the link.

The target attribute specifies where to open the linked document.

The target attribute can have one of the following values:

* \_self - Default. Opens the document in the same window/tab as it was clicked
* \_blank - Opens the document in a new window or tab
* \_parent - Opens the document in the parent frame
* \_top - Opens the document in the full body of the window

**Example**: <a href="https://www.w3schools.com/" target="\_blank">Visit W3Schools!</a>

**Image Formats**

|  |  |  |
| --- | --- | --- |
| GIF | Graphics Interchange Format | .gif |
| ICO | Microsoft Icon | .ico, .cur |
| JPEG | Joint Photographic Expert Group image | .jpg, .jpeg, .jfif, .pjpeg, .pjp |
| PNG | Portable Network Graphics | .png |
| SVG | Scalable Vector Graphics | .svg |

**Favicon:**

Example

<!DOCTYPE html>  
<html>  
<head>  
**<title>My Page Title</title>  
  <link rel="icon" type="image/x-icon" href="/images/favicon.ico">**  
</head>  
<body>  
  
<h1>This is a Heading</h1>  
<p>This is a paragraph.</p>  
  
</body>  
</html>

**Table Cells:**

Each table row starts with a <tr> and ends with a </tr> tag.

th stands for table header.

td stands for table data.

**Unordered HTML List:**

**Example**

<ul>  
  <li>Coffee</li>  
  <li>Tea</li>  
  <li>Milk</li>  
</ul>

An unordered HTML list:

* Item
* Item
* Item
* Item

**Ordered HTML List:**

**Example**

<ol>  
  <li>Coffee</li>  
  <li>Tea</li>  
  <li>Milk</li>  
</ol>

**An ordered HTML list:**

1. First item
2. Second item
3. Third item
4. Fourth item