| **Tag** | **Description** |
| --- | --- |
| [<b>](https://www.tutorialstonight.com/html-tags-list-with-examples#b) | It is used to define bold text |
| [<strong>](https://www.tutorialstonight.com/html-tags-list-with-examples#strong) | It is used to define important text, add more semantic meaning to the tag |
| [<i>](https://www.tutorialstonight.com/html-tags-list-with-examples#i) | It formats text in *italic form* |
| [<em>](https://www.tutorialstonight.com/html-tags-list-with-examples#em) | It represents stress emphasis on the text same as i tag |
| [<u>](https://www.tutorialstonight.com/html-tags-list-with-examples#u) | It underlines the text |
| [<sup>](https://www.tutorialstonight.com/html-tags-list-with-examples#sup) | It defines superscripted text |
| [<sub>](https://www.tutorialstonight.com/html-tags-list-with-examples#sub) | It defines subscripted text |
| [<pre>](https://www.tutorialstonight.com/html-tags-list-with-examples#pre) | It defines preformatted text |
| [<small>](https://www.tutorialstonight.com/html-tags-list-with-examples#small) | It defines smaller text |
| [<abbr>](https://www.tutorialstonight.com/html-tags-list-with-examples#abbr) | It defines an abbreviation or an acronym |
| [<code>](https://www.tutorialstonight.com/html-tags-list-with-examples#code) | It defines a piece of computer code |
| [<kbd>](https://www.tutorialstonight.com/html-tags-list-with-examples#kbd) | It is used to display keyboard input |
| [<del>](https://www.tutorialstonight.com/html-tags-list-with-examples#del) | It is used to display the text that has been removed from the webpage |
| [<ins>](https://www.tutorialstonight.com/html-tags-list-with-examples#ins) | It defines a word that has been inserted in the document. It underlines the word |
| [<mark>](https://www.tutorialstonight.com/html-tags-list-with-examples#mark) | It is used to highlight specific text |
| [<blockquote>](https://www.tutorialstonight.com/html-tags-list-with-examples#blockquote) | It is used for quotation of a text from another source |
| [<s>](https://www.tutorialstonight.com/html-tags-list-with-examples#s) | It defines the text that incorrect |
| [<address>](https://www.tutorialstonight.com/html-tags-list-with-examples#address) | It defines the address or contact of users on a webpage |
| [<cite>](https://www.tutorialstonight.com/html-tags-list-with-examples#cite) | It defines the title of a journal, a book, a poem, etc |
| [<dfn>](https://www.tutorialstonight.com/html-tags-list-with-examples#dfn) | It is used to specify a word that is going defined within the content |
| [<meter>](https://www.tutorialstonight.com/html-tags-list-with-examples#meter) | It defines a meter scale with a given range and shows the current value. It is also known as a gauge |
| [<progress>](https://www.tutorialstonight.com/html-tags-list-with-examples#progress) | It represents the progress of work on the webpage |
| [<q>](https://www.tutorialstonight.com/html-tags-list-with-examples#q) | It creates quotations around the text |
| [<samp>](https://www.tutorialstonight.com/html-tags-list-with-examples#samp) | It is used to define sample output or a computer program |
| [<template>](https://www.tutorialstonight.com/html-tags-list-with-examples#template) | It is used to hide a block of code when the page loads |
| [<time>](https://www.tutorialstonight.com/html-tags-list-with-examples#time) | It is used to define a specific time on the webpage |
| [<var>](https://www.tutorialstonight.com/html-tags-list-with-examples#var) | It is used to define some variable in a computer program or in a mathematical expression |

**3. Image tags**

The following listed HTML tags list is used for images.

| **Tag** | **Description** |
| --- | --- |
| [<img>](https://www.tutorialstonight.com/html-tags-list-with-examples#img) | It defines image on webpage |
| [<figure>](https://www.tutorialstonight.com/html-tags-list-with-examples#figure) | It defines a self-contained container for images, code snippets, diagrams, etc |
| [<figcaption>](https://www.tutorialstonight.com/html-tags-list-with-examples#figcaption) | It defines a caption for the <figure> |
| [<picture>](https://www.tutorialstonight.com/html-tags-list-with-examples#picture) | It defines a container to provide multiple resources for an image |
| [<area>](https://www.tutorialstonight.com/html-tags-list-with-examples#area) | It defines an area inside the image using coordinates |
| [<map>](https://www.tutorialstonight.com/html-tags-list-with-examples#map) | It defines a map on an image and creates a clickable area |
| [<canvas>](https://www.tutorialstonight.com/html-tags-list-with-examples#canvas) | It defines an area to draw something on the webpage using javascript |
| [<svg>](https://www.tutorialstonight.com/html-tags-list-with-examples#svg) | It defines a container for SVG image |

**4. Link or navigation tags**

These HTML tags are used to create any hyperlink, define connections with other resources, or create a navigation menu.

| **Tag** | **Description** |
| --- | --- |
| [<a>](https://www.tutorialstonight.com/html-tags-list-with-examples#a) | It defines a hyperlink to connect to other webpages |
| [<link>](https://www.tutorialstonight.com/html-tags-list-with-examples#link) | It defines connects other document with HTML documents or defines some relationship |
| [<nav>](https://www.tutorialstonight.com/html-tags-list-with-examples#nav) | It used to wrap navigation links |

**5. List tags**

Following is the HTML tags list for creating ordered, unordered, and description lists in HTML.

| **Tag** | **Description** |
| --- | --- |
| [<ol>](https://www.tutorialstonight.com/html-tags-list-with-examples#ol) | It defines an ordered list |
| [<ul>](https://www.tutorialstonight.com/html-tags-list-with-examples#ul) | It defines an unordered list |
| [<li>](https://www.tutorialstonight.com/html-tags-list-with-examples#li) | It defines an item in a list |
| [<dl>](https://www.tutorialstonight.com/html-tags-list-with-examples#dl) | It defines a description list |
| [<dt>](https://www.tutorialstonight.com/html-tags-list-with-examples#dt) | It defines name or tern in description list |
| [<dd>](https://www.tutorialstonight.com/html-tags-list-with-examples#dd) | It defines the description of item in the description list |

**6. Form and input tags**

Following is the HTML tags list for forms and inputs.

| **Tag** | **Description** |
| --- | --- |
| [<form>](https://www.tutorialstonight.com/html-tags-list-with-examples#form) | It is used to create a form on a webpage |
| [<input>](https://www.tutorialstonight.com/html-tags-list-with-examples#input) | It defines input of different type |
| [<label>](https://www.tutorialstonight.com/html-tags-list-with-examples#label) | It defines label for the <input> element |
| [<textarea>](https://www.tutorialstonight.com/html-tags-list-with-examples#textarea) | It defines resizable multi-line plain text input |
| [<select>](https://www.tutorialstonight.com/html-tags-list-with-examples#select) | It provides control to select from multiple options |
| [<optgroup>](https://www.tutorialstonight.com/html-tags-list-with-examples#optgroup) | It defines a group of options in <select> element |
| [<option>](https://www.tutorialstonight.com/html-tags-list-with-examples#option) | It defines an item to select within <select> element |
| [<fieldset>](https://www.tutorialstonight.com/html-tags-list-with-examples#fieldset) | It defines a group of multiple labels and inputs |
| [<legend>](https://www.tutorialstonight.com/html-tags-list-with-examples#legend) | It defines a caption for a <fieldset> |
| [<datalist>](https://www.tutorialstonight.com/html-tags-list-with-examples#datalist) | It provides control to select among multiple options as well as to submit your own new option |
| [<button>](https://www.tutorialstonight.com/html-tags-list-with-examples#button) | It defines a button |

**7. Table tags**

Following is the HTML tags list for the table and its components.

| **Tag** | **Description** |
| --- | --- |
| [<table>](https://www.tutorialstonight.com/html-tags-list-with-examples#table) | It defines a table |
| [<thead>](https://www.tutorialstonight.com/html-tags-list-with-examples#thead) | It groups the head content of the table |
| [<tbody>](https://www.tutorialstonight.com/html-tags-list-with-examples#tbody) | It groups the body content of the table |
| [<tfoot>](https://www.tutorialstonight.com/html-tags-list-with-examples#tfoot) | It groups the footer content of the table |
| [<tr>](https://www.tutorialstonight.com/html-tags-list-with-examples#tr) | It defines a row in the table |
| [<th>](https://www.tutorialstonight.com/html-tags-list-with-examples#th) | It defines a header cell in the table |
| [<td>](https://www.tutorialstonight.com/html-tags-list-with-examples#td) | It defines a cell in the table |
| [<caption>](https://www.tutorialstonight.com/html-tags-list-with-examples#caption) | It defines a caption for the table |
| [<colgroup>](https://www.tutorialstonight.com/html-tags-list-with-examples#colgroup) | It defines a column group in the table |
| [<col>](https://www.tutorialstonight.com/html-tags-list-with-examples#col) | It gives property to the column within the <colgroup> |

**8. Media tags**

Here is the HTML tags list for media elements like audio and video.

| **Tag** | **Description** |
| --- | --- |
| [<audio>](https://www.tutorialstonight.com/html-tags-list-with-examples#audio) | Used to define audio content on the webpage |
| [<video>](https://www.tutorialstonight.com/html-tags-list-with-examples#video) | Used to define video content on the webpage |
| [<track>](https://www.tutorialstonight.com/html-tags-list-with-examples#track) | It defines text track (subtitle) for the audio and video |
| [<source>](https://www.tutorialstonight.com/html-tags-list-with-examples#source) | It specifies multiple resources from the media like audio, video, and pictures |

**9. Meta tags**

Following is the HTML tags list for meta tags. These are tags used to store non-visible information about the web pages.

| **Tag** | **Description** |
| --- | --- |
| [<meta>](https://www.tutorialstonight.com/html-tags-list-with-examples#meta) | It defines metadata about the webpage (not visible to users) |
| [<link>](https://www.tutorialstonight.com/html-tags-list-with-examples#link) | It defines a base URL for all the relative URLs of the webpage |

**10. Style and programming tags**

Following is the HTML tags list style and script.

| **Tag** | **Description** |
| --- | --- |
| [<style>](https://www.tutorialstonight.com/html-tags-list-with-examples#style) | It is used to provide CSS for the HTML elements of the document |
| [<script>](https://www.tutorialstonight.com/html-tags-list-with-examples#script) | It defines javascript program for the webpage |

**11. General tags**

Here is the HTML tags list for general elements.

| **Tag** | **Description** |
| --- | --- |
| [<div>](https://www.tutorialstonight.com/html-tags-list-with-examples#div) | It defines a group of elements within the HTML document |
| [<span>](https://www.tutorialstonight.com/html-tags-list-with-examples#span) | It defines an inline section within the document |
| [<header>](https://www.tutorialstonight.com/html-tags-list-with-examples#header) | It defines header of the webpage or a section |
| [<main>](https://www.tutorialstonight.com/html-tags-list-with-examples#main) | It defines the main content of the webpage |
| [<footer>](https://www.tutorialstonight.com/html-tags-list-with-examples#footer) | It defines the footer of the webpage or a section |
| [<article>](https://www.tutorialstonight.com/html-tags-list-with-examples#article) | It defines an article within the document |
| [<section>](https://www.tutorialstonight.com/html-tags-list-with-examples#section) | It defines section in the webpage |
| [<details>](https://www.tutorialstonight.com/html-tags-list-with-examples#details) | It defines a section that users can view or hide |
| [<summary>](https://www.tutorialstonight.com/html-tags-list-with-examples#summary) | It defines a visible part of the <details> element |

**What is manifest file in HTML5**

A manifest file is a text file that tells the browser to cache certain files or webpages so that they can be used even in offline mode. HTML5 cache webpages by specifying manifest attribute in <html> tag. All the web pages that contain manifest attributes or are specified in the manifest file will be cached whenever a user visits that page. Manifest files are saved with the **.appcache** extension. It always starts with the CACHE MANIFEST

**Write code to demonstrate MicroData in HTML5**

<!DOCTYPE html>

<html>

<body>

    <div itemscope>

        <p>This website is

            <span itemprop="name"

                style="color:green">

                <b>GeeksForGeeks</b>

            </span>.

        </p>

    </div>

    <div itemscope>

        <p>

            Learn from the basics,of Data

            Structure and Algorithms from

            <span itemprop="name"

                style="color:green">

                <b>DSA-Self Paced</b>

            </span>.

        </p>

        <p>I live in

            <span itemprop="country"

                style="color:green">

                <b>India</b>

            </span>.

        </p>

    </div>

</body>

</html>

**Demonstrate how to include audio and video in a webpage**

1. Save your audio and video files in a new directory on your computer.
2. Create a new HTML file in the same directory, called index.html.
3. Add [<audio>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/audio) and [<video>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/video) elements to the page; make them display the default browser controls.
4. Give both of them [<source>](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/source) elements so that browsers will find the audio format they support best and load it. These should include [type](https://developer.mozilla.org/en-US/docs/Web/HTML/Element/source#type) attributes.
5. Give the <video> element a poster that will be displayed before the video starts to be played. Have fun creating your own poster graphic.

**What are tag and attributes in HTML**

Tags and attributes are the basis of HTML.

They work together but perform different functions – it is worth investing 2 minutes in differentiating the two.

**What Are HTML Tags?**

Tags are used to mark up the start of an HTML element and they are usually enclosed in angle brackets. An example of a tag is: <h1>.

Most tags must be opened <h1> and closed </h1> in order to function.

**What are HTML Attributes?**

Attributes contain additional pieces of information. Attributes take the form of an opening tag and additional info is placed inside.

* An example of an attribute is:

<img src="mydog.jpg" alt="A photo of my dog.">

| **HTML Tags** | **HTML Elements** | **HTML Attributes** |
| --- | --- | --- |
| HTML tags are used to hold the HTML element. | HTML element holds the content. | HTML attributes are used to describe the characteristic of an HTML element in detail. |
| HTML tag starts with < and ends with > | Whatever written within a HTML tag are HTML elements. | HTML attributes are found only in the starting tag. |
| HTML tags are almost like keywords where every single tag has unique meaning. | HTML elements specifies the general content. | HTML attributes specify various additional properties to the existing HTML element. |