

# Html cheat sheet – the basics

## The basic structure of an html file

`<html>`      `<!-- This denotes the starting of an html page -->`

`<head>`                      `<!-- This is the head tag for your html page -->`  
`<!-- The head tag can also do cool stuff like embed background music to your page -->`  
    `<title>`Page Title`</title>` `<!-- This title comes on the little tab part of the browser -->`  
`</head>`

`<body>`      `<!-- Anything that goes in here is displayed onto your page -->`  
Hello World!  
`</body>`

`</html>`      `<!-- This tag closes the already opened html tag ==> end of page →`

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## Tags that can be used inside the body

### Heading tag:

`<h1>`This is a heading`</h1>`  
`<h2>`This is a heading`</h2>`  
`<h3>`This is a heading`</h3>` `<!-- Goes upto h6 →`

### Paragraph tag:

`<!-- This is used to create a paragraph (usually of text) →`  
`<p>`This is a paragraph.`</p>`  
`<p>`This is another paragraph.`</p>`

### link tag to link to other pages:

`<!-- href contains location link leads you to. "Text" is what is displayed as a link. -->`  
`<a href="http://www.w3schools.com">`Text`</a>`

## image tag:

```

```

```
<!-- Interesting to NOTE that we can replace "Text" in link tag with an image too! -->
```

```
<!-- Interesting to NOTE that src can be a website link too -->
```

```
<!-- "src" is where the image is stored. Usually it is in the same folder as the page -->
```

```
<!-- "alt" is the text you will see if image doesn't load -->
```

## Enter/new line tag:

```
<br>
```

NO CLOSING TAG

## STYLING:

```
<h1 style="color:blue">This is a heading</h1>
```

```
<h1 style="font-family:verdana">This is a heading</h1>
```

```
<h1 style="font-size:300%">This is a heading</h1>
```

```
<h1 style="text-align:center">Centered Heading</h1>
```

And many many more

You do not need to use it with <h1> tag only. It could be ANY other tag!

## Formatting tags:

Tag	Description
<u>&lt;b&gt;</u> (avoid)	Defines bold text
<u>&lt;em&gt;</u>	Defines emphasized text (like italics)
<u>&lt;i&gt;</u> (avoid)	Defines italic text
<u>&lt;small&gt;</u>	Defines smaller text
<u>&lt;strong&gt;</u>	Defines important text (like bold)
<u>&lt;sub&gt;</u>	Defines subscripted text
<u>&lt;sup&gt;</u>	Defines superscripted text
<u>&lt;ins&gt;</u>	Defines inserted text (like underline)
<u>&lt;del&gt;</u>	Defines deleted text (dash across the text)
<u>&lt;mark&gt;</u>	Defines highlighted text

```
<!-- By the way, these are comments →
```

## Tables:

```
<table style="width:100%">
<caption> Title of the table (optional) </caption>
  <tr>                                <!-- This defines a table row -->
    <td>Jill</td>
    <td>Smith</td>                    <!-- "td" are used to define table data/column -->
    <td>50</td>
  </tr>
  <tr>
    <td>Eve</td>
    <td>Jackson</td>
    <td>94</td>
  </tr>
</table>

<!-- For first row, you can use <th> instead of <tr>. This changes the looks a bit! ->
```

## Lists:

<pre>&lt;ul style="list-style-type:circle"&gt; &lt;li&gt;Coffee&lt;/li&gt; &lt;li&gt;Tea&lt;/li&gt; &lt;li&gt;Milk&lt;/li&gt; &lt;/ul&gt;</pre>	<pre>&lt;ol type="A"&gt; &lt;li&gt;Coffee&lt;/li&gt; &lt;li&gt;Tea&lt;/li&gt; &lt;li&gt;Milk&lt;/li&gt; &lt;/ol&gt;</pre>	<pre>&lt;ul id = "menu"&gt; &lt;!-- Displays horizontally --&gt; &lt;li style = "display:inline;"&gt;HTML&lt;/li&gt; &lt;li style = "display:inline;"&gt;CSS&lt;/li&gt; &lt;li style = "display:inline;"&gt;JavaScript&lt;/li&gt; &lt;li style = "display:inline;"&gt;PHP&lt;/li&gt; &lt;/ul&gt;  &lt;!-- Can instead style like so: and then remove styling from each &lt;li&gt; tag --&gt; &lt;style&gt;   ul#menu li   {     display:inline;   } &lt;/style&gt;</pre>
---	---	--

## The HTML <div> and <span> Element

The HTML <div> element is a **block level element** that can be used as a container for other HTML elements.

The <div> element has no special meaning. It has no required attributes, but **style** and **class** are common.

<span> is similar but is inline!

## Iframes:

Used to display web-pages within web-pages

```
<iframe src="demo_iframe.htm" width="200" height="200" style = "..." ></iframe>
```

## Videos:

```
<video width="320" height="240" autoplay controls>
  <source src="movie.mp4" type="video/mp4">
  <source src="movie.ogg" type="video/ogg"> <!-- Can give many vid formats -->
  Your browser does not support the video tag. <!-- If no formats work, this txt -->
</video>
```

NOTE: AUDIO is similar, uses <audio> tags instead!

## Javascript:

```
< html >
< body >
< a href="" id="B1" onClick = "MYFUNC("Hi")"> Hello < /a >

< script >
function MYFUNC(new_text)
{
  document.getElementById(B1).innerHTML = new_text;
}
< /script>
< /body >
< /html >
```