

## HTML TEMPLATE

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Page Title</title>
  <meta name="description" content="Brief Description of Page">
  <meta name="author" content="anirusso">
</head>
<body>
</body>
</html>
```

## HTML TAGS & ELEMENTS

HTML Comment	<!-- Commented out -->
HTML Element Syntax	<openTag>Content</closeTag>
Example: Paragraph element	<p>Paragraph Element</p>
HTML Tag Attribute Syntax	<tag attribute=value>Content</tag>
Class attribute (multiple)	<tag <b>class</b> ="className">
Id attribute (single)	<tag <b>id</b> ="idName">
Image Element	
Largest heading Smallest heading	<h1>Main Heading</h1> <h6>Small Heading</h6>
Line break	 
Monospace fixed width	<pre>Preserves whitespace and lines</pre>
Defines a block-level div	<div>
Defines a single-line span	<span>
Define bold/strong text	<b> / <strong>
Define italic/emphasized text	<i> / <em>

## LINKING

Hyperlink	<a href="URL" target="_blank/named/self">
External CSS	<link rel="stylesheet" href="styles/filename.css">
External JavaScript	<script type="text/javascript" src="filename.js"></script>

## HTML FORM

### form attributes

A name that can be referred to by client-side or server-side code	name
The URL of the file that will process the data in the form	action
The HTTP method ( <b>GET</b> or <b>POST</b> ) for submitting the form data	method
Specifies where to open the submitted result (same or new window)	target

### input attributes

Specifies the type of field (text, password, submit, radio, hidden, etc)	type
Default value for the field, appears in the text field or button	value
The maximum number of characters that the user can enter in the field	maxlength
Boolean attribute that tells the browser to set the focus on the field	autofocus
A default value/hint in the field. The value is removed when given focus	placeholder
Each input field must have a name attribute to be submitted	name
Boolean attribute that causes control to be checked when page loads	checked

### input types

Defines a one-line text input field	<input type="text">
Defines a radio button (for selecting one of many choices)	<input type="radio">
Defines a checkbox (for selecting 0 or more options)	<input type="checkbox">
Defines a submit button (for submitting the form)	<input type="submit">
Defines a text field where input is masked by bullet points	<input type="password">
Defines a button that resets all values to their default values	<input type="reset">
Defines a file-select field and a "Browse" button for file uploads	<input type="file">

### drop-down list & listboxes elements

Defines a drop-down list	<select>
Displays a list box the size of the specified number	<select size=number>
Boolean attribute which allows multiple values to be selected	<select multiple>
Defines options that can be selected	<option>
Boolean attribute which defines a pre-selected option	<option selected>

Example (Drop-down Menu):

```
<form action="/action_page.php">
  <select name="numbers">
    <option value="1" selected >One</option>
    <option value="2">Two</option>
  </select>
</form>
```

### textarea element & attributes

<textarea>	Defines a multi-line input field (a text area)
<textarea rows= <i>number</i> >	Specifies the visible number of lines in a text area.
<textarea cols= <i>number</i> >	Specifies the visible width of a text area.

### button element & attributes

<button>	Defines a clickable button
<button type="button">	Specifies the visible number of lines in a text area.
<button onclick= <i>action</i> >	Specifies the action when the button is clicked.

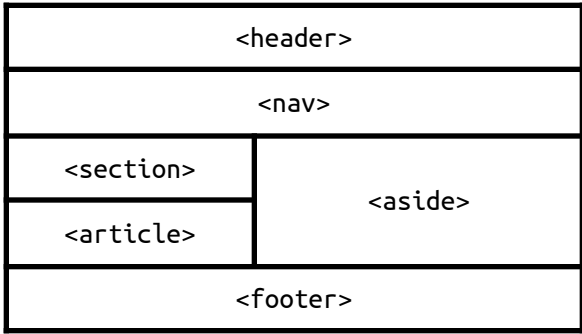
## HTML TABLES

Create table	<code>&lt;table&gt;&lt;/table&gt;</code>						
Create row	<code>&lt;table&gt;   &lt;tr&gt;Example Row&lt;/tr&gt; &lt;/table&gt;</code>						
Create heading	<code>&lt;tr&gt;   &lt;th&gt;Example Heading&lt;/th&gt; &lt;/tr&gt;</code>						
Create column (Data cell)	<code>&lt;tr&gt;   &lt;td&gt;Example Column&lt;/td&gt; &lt;/tr&gt;</code>						
Span multiple columns	<code>&lt;td colspan="number"&gt;&lt;/td&gt;</code>						
Span multiple rows	<code>&lt;td rowspan="number"&gt;&lt;/td&gt;</code>						
Example:	<div><table><tr><th>Name</th><th colspan="2">Height x Width</th></tr><tr><td>anirusso</td><td>500</td><td>750</td></tr></table></div> <code>&lt;table style="width:100%"&gt;   &lt;tr&gt;     &lt;th&gt;Name&lt;/th&gt;     &lt;th colspan=2&gt;Height x Width&lt;/th&gt;   &lt;/tr&gt;   &lt;tr&gt;     &lt;td&gt;anirusso&lt;/td&gt;     &lt;td&gt;500&lt;/td&gt;     &lt;td&gt;750&lt;/td&gt;   &lt;/tr&gt; &lt;/table&gt;</code>	Name	Height x Width		anirusso	500	750
Name	Height x Width						
anirusso	500	750					

## HTML LISTS

NAME	HTML	EXAMPLE
Unordered List	<pre>&lt;ul&gt;   &lt;li&gt;Item 1&lt;/li&gt;   &lt;li&gt;Item 2&lt;/li&gt; &lt;/ul&gt;</pre>	<ul style="list-style-type: none"> <li>Item2</li> <li>Item2</li> </ul>
Ordered List	<pre>&lt;ol&gt;   &lt;li&gt;Item 1&lt;/li&gt;   &lt;li&gt;Item 2&lt;/li&gt; &lt;/ol&gt;</pre>	<ol style="list-style-type: none"> <li>Item1</li> <li>Item2</li> </ol>
Description List	<pre>&lt;dl&gt;   &lt;dt&gt;Item1&lt;/dt&gt;   &lt;dd&gt;Explanation&lt;/dd&gt;   &lt;dt&gt;Item2&lt;/dt&gt;   &lt;dd&gt;Explanation&lt;/dd&gt; &lt;/dl&gt;</pre>	<div>Item1</div> <div>Explanation</div> <div>Item2</div> <div>Explanation</div>

## SEMANTIC HTML

NAME	TAG	
Header	<header>	
Navigation	<nav>	
Section	<section>	
Article	<article>	
Aside	<aside>	
Footer	<footer>	