

HTML TEMPLATE

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Page Title</title>
  <meta name="description" content="DESCRIBE PAGE">
  <meta name="author" content="NAME">
</head>
<body>
  <!-- CONTENT HERE -->
</body>
</html>
```

HTML TAGS & ELEMENTS

Element Syntax Example: <p> tag	<openTag> Content </closeTag> <p>This is a paragraph</p>
Attribute Syntax: Example: src attribute	<tag attribute=value >Content</tag>
Class attribute	<tag class ="className">
Id attribute	<tag id ="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	
Define bold/strong text	 /
Define italic/emphasized text	<i> /
HTML Comment	<!-- <i>Commented out</i> -->

LINKING

Hyperlink	<code>Link Text</code>
Relative Path	<code></code>
Absolute Path	<code></code>
Target attribute (Opens in) New tab/window: Same tab/window: Opens in named tab:	<code></code> <code></code> <code></code>
External CSS	<code><link rel="stylesheet" href="styles/filename.css"></code>
External JavaScript	<code><script type="text/javascript" src="filename.js"></script></code>

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

textarea element & attributes

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

button element & attributes

Defines a clickable button	<code><button></code>
Specifies the type of the button	<code><button type="button"></code>
Specifies the action when the button is clicked.	<code><button onclick=action></code>

Example (Login form):

```
<form action="/login" method="post">
  <label for="name">Username:</label>
  <input type="text" id="name" name="user_name" />

  <label for="pass">Password:</label>
  <input type="password" id="pass" name="user_pass" />

  <button type="reset">Reset</button>
  <button type="submit">Log In</button>
</form>
```

drop-down list & listboxes elements

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

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>
```

HTML TABLES

Create table	<code><table></table></code>
Create row	<code><table> <tr>Example Row</tr> </table></code>
Create heading	<code><tr> <th>Example Heading</th> </tr></code>
Create column (Data cell)	<code><tr> <td>Example Column</td> </tr></code>
Span multiple columns	<code><td colspan=<i>number</i>></td></code>
Span multiple rows	<code><td rowspan=<i>number</i>></td></code>
Table sections: Table head: Table body: Table foot:	<code><table> <thead><!-- Table head rows/cols --></thead> <tbody><!-- Table body rows/cols --></tbody> <tfoot><!-- Table foot rows/cols --></tfoot> </table></code>

Example:

Name	Height x Width	
anirusso	500	750

```
<table style="width:100%">
  <tr>
    <th>Name</th>
    <th colspan=2>Height x Width</th>
  </tr>
  <tr>
    <td>anirusso</td>
    <td>500</td>
    <td>750</td>
  </tr>
</table>
```

HTML LISTS

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

SEMANTIC HTML

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