

## 1. WEB PAGE STRUCTURE

Every web page must start with the following basic structure:

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN"
"http://www.w3.org/TR/html4/strict.dtd">

<html>

  <head>
    <title> Page Title </title>
    <link rel="stylesheet" type="text/css" href="theme.css" />
  </head>

  <body>
    This is where you put all your text, links, images, and information that
    you want to show up on your web page
  </body>

</html>

```

## 2. ORGANIZING TEXT

<b>Headers:</b> <h1> </h1>	Text between these tags will be increased in size, usually made for a heading or subheading. h1 is the biggest, h6 is the smallest.
<b>Paragraphs</b> <p> </p>	Text between these tags will be separated into a paragraph.
<b>Line Break</b>  	Forces a new line
<b>Hard Rule</b> <hr />	Forces a new line and puts a horizontal line on your page to act as a separator.

## 3. LISTS

<b>Lists</b>  <ul> <li> Item 1 </li> <li> Item 2 </li> </ul>  <ol> <li> Item 1 </li> <li> Item 2 </li> </ol>	Text between these tags will be separated into a list. <ul> is for bulleted lists, <ol> is for numbered lists. The example code would produce the following lists:  Unordered List: <ul style="list-style-type: none"> <li>• Item 1</li> <li>• Item 2</li> </ul> Ordered List: <ol style="list-style-type: none"> <li>1. Item 1</li> <li>2. Item 2</li> </ol>
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## 4. IMAGES

```

```

### Attributes of the <img> tag

<code>src="filename.abc"</code>	This is the name of the picture file. It must be exact.
<code>align="left/right"</code>	Aligns a picture left or right, and everything else will wrap to the other side.
<code>width="100"</code>	Sets the width of the picture. If no height is specified, it will also scale the height accordingly.
<code>height="100"</code>	Changes the height of a picture. If no width is specified, it will also scale the width accordingly.

## 5. LINKS

Here's how you would link to Google, for example:

```
<a href="http://www.google.com"> Click here for Google! </a>
```

Here's how you'd link to on of your own pages:

```
<a href="page2.html"> Click here the Second Page </a>
```

A link can also jump you to another spot on the same page. First, create an anchor where you want to jump to:

```
<a name="contact"> </a>
```

Then, create a link to jump to that anchor:

```
<a href="contact"> Click here for Contact Information </a>
```

## 6. TABLES

Tables are useful for formatting your web page or putting information like statistics in them.

TABLE 1	TABLE 2	TABLE 3
<pre>&lt;table&gt; &lt;tr&gt;   &lt;td&gt;&lt;/td&gt;   &lt;td&gt;&lt;/td&gt;   &lt;td&gt;&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt;   &lt;td&gt;&lt;/td&gt;   &lt;td&gt;&lt;/td&gt;   &lt;td&gt;&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt;   &lt;td&gt;&lt;/td&gt;   &lt;td&gt;&lt;/td&gt;   &lt;td&gt;&lt;/td&gt; &lt;/tr&gt; &lt;/table&gt;</pre>	<pre>&lt;table&gt; &lt;tr&gt;   &lt;td width="100"&gt;&lt;/td&gt;   &lt;td width="100"&gt;&lt;/td&gt;   &lt;td width="100"&gt;&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt;   &lt;td&gt;&lt;/td&gt;   &lt;td&gt;&lt;/td&gt;   &lt;td&gt;&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt;   &lt;td&gt;&lt;/td&gt;   &lt;td&gt;&lt;/td&gt;   &lt;td&gt;&lt;/td&gt; &lt;/tr&gt; &lt;/table&gt;</pre>	<pre>&lt;table&gt; &lt;tr&gt;   &lt;td colspan="2"&gt;&lt;/td&gt;   &lt;td&gt;&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt;   &lt;td width="100"&gt;&lt;/td&gt;   &lt;td width="100"&gt;&lt;/td&gt;   &lt;td width="100"&gt;&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt;   &lt;td&gt;&lt;/td&gt;   &lt;td&gt;&lt;/td&gt;   &lt;td colspan="2"&gt;&lt;/td&gt; &lt;/tr&gt; &lt;/table&gt;</pre>

Table 1

this	is	a
table	whether	you
like	it	or not

Table 2

this	is	a
table	whether	you
like	it	or not

Table 3

this is	a	
table	whether	you
like	it or not	

Some interesting table attributes include:

`align="left/right/center"`  
`valign="top/middle/bottom"`  
`colspan="x"`

Changes how stuff inside each cell is aligned horizontally  
Changes how stuff inside each cell is aligned vertically  
Forces a column to span over "x" number of columns