

# HTML Language & Syntax Cheat Sheet

Rule #1: HTML works with <TAGS>. Most tags have an opening <TAG> and a closing </TAG>  
Rule #2: Some tags only need one tag (no opening and closing tags) such as <BR/> (Notice the position of the / character)  
Rule #3: You can embed tags but make sure you respect the order for opening/closing the tags.  
Rule #4: Each tag can be customised using attributes: <BODY bgcolor="#FF0000"> (BGColor is an attribute of the BODY tag)

## Basic HTML Structure

```
<HTML>
<HEAD>
  <TITLE>My website title</TITLE>
</HEAD>
<BODY>
  Welcome to my first webpage...
</BODY>
</HTML>
```

## Body Attributes

bgcolor="#FF00FF"	Background Colour
leftmargin="10"	Side Margin Size in Pixels
topmargin="10"	Top Margin Size in Pixels
background="myPic.png"	Background Image

e.g. <body bgcolor="#FF0000">

## Basic Tags to Format Text

<H1> ... </H1>	Heading (h1, h2, up to h6)
<B> ... </B>	Bold Text
<I> ... </I>	Italic Text
<U> ... </U>	Underline Text
<CENTER> ... </CENTER>	Center Text
<FONT color="#FF0000">... </FONT>	Font Color
<FONT face="Arial"> ... </FONT>	Font Type
<FONT size="5">... </FONT>	Font Size (from 1 to 6)
<P> ... </P>	New Paragraph
 	Break Line (New line)
<HR/>	Horizontal Line

## Inserting Pictures

**Step 1:** Make sure you save the picture in a subfolder of your website (e.g. called "Images")

**Step 2:** Use the IMG tag:

```
<IMG src="Images/myImage.png">
```

**Step 3:** Add some attributes if needed:

src="myPic.png"	URL or filename of image (required!)
alt="Some text here"	Alternate Text (required!)
align="right"	Image alignment within surrounding text
width="300"	Image width (in pixels or %)
height="300"	Image height (in pixels or %)
border="1"	Border thickness (in pixels)
vspace="10"	Space above and below image (in pixels)
hspace="10"	Space on either side of image (in pixels)

## Adding Hyperlinks

```
<a href="http://www.google.com">Google</a>
```

## Using Tables

```
<TABLE WIDTH="100%" BORDER="1" CELLPADDING="5"
CELLSPACING="0">
<TR>
  <TD VALIGN="TOP">Row 1, Column 1</TD>
  <TD VALIGN="TOP">Row 1, Column 2</TD>
</TR>
<TR>
  <TD VALIGN="TOP">Row 2, Column 1</TD>
  <TD VALIGN="TOP">Row 2, Column 2</TD>
</TR>
</TABLE>
```

## Lists

**List using bullet points:**

```
<UL>
  <LI>First Bullet Point</LI>
  <LI>Second Bullet Point</LI>
</UL>
```

**Numbered List:** Use the same code as above but replace the <UL> tag with <OL>

## Form Controls

```
<FORM action="mailto:info@mail.com" method="POST">
<INPUT type="text" size="10" value="Hello" name="txt">
<SELECT name="comboBox">
  <OPTION value="1" SELECTED>Option 1</OPTION>
  <OPTION value="2">Option 2</OPTION>
  <OPTION value="3">Option 3</OPTION>
</SELECT>
<TEXTAREA rows="5" cols="5" name="comments">
Type a comment...</TEXTAREA>
<INPUT type="checkbox" CHECKED name="C">Checkbox 1
<INPUT type="checkbox" name="C">Checkbox 2
<INPUT type="radio" CHECKED name="RB">Radio Button 1
<INPUT type="radio" name="RB">Radio Button 2
<INPUT type="password" name="pwd">
<INPUT type="submit" value="Send">
<INPUT type="reset" value="Clear">
</FORM>
```

## Special Characters

Space	<	>	©	&	£
&nbsp;	&lt;	&gt;	&copy;	&amp;	&pound;