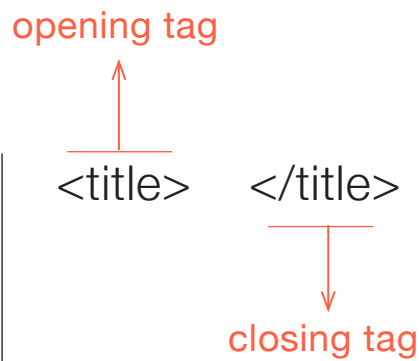


# html cheat sheet page 1

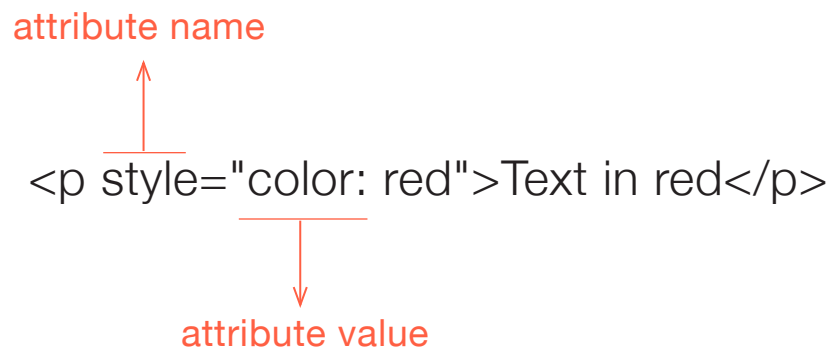
## Layers representing the web

Structure Layer	Presentation Layer	Behavior Layer
<ul style="list-style-type: none"> <li>forms the foundation for the other layers.</li> <li>HTML creates the structure of the content</li> </ul>	<ul style="list-style-type: none"> <li>style sheet added to the structure (HTML) controls the appearance in the browser</li> <li>stylesheet uses CSS (Cascading Style Sheets) to control look and feel</li> </ul>	<ul style="list-style-type: none"> <li>includes scripts that make a web page more interactive</li> <li>programming languages like JavaScript to control the behaviors on a website</li> </ul>
LAYER 1	LAYER 2	LAYER 3

## Opening and closing tags



## Attribute name and value



# html cheat sheet page 2

## Basic HTML Page Structure

```
<!DOCTYPE HTML>
<html>
<head>
  <title>Document title</title>
</head>
<body>
  <h1>Page title</h1>
  <p>
    Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do...
  </p>
</body>
</html>
```

## HTML "tree" structure

```
<!DOCTYPE html>
<html>
  <head>
    <link type="text/css" rel="stylesheet" href="stylesheet.css">
    <title>The Great Tree of HTML</title>
  </head>
  <body>
    <div id="p1">P</div>
    <div id="p2">P</div>
    <div id="p3">P</div>
    <div class="space"></div>
    <div id="title">Title</div>
    <div id="div">Div</div>
    <div id="head">Head</div>
    <div id="body">Body</div>
  </body>
</html>
```

## Comments in HTML

```
<!--This is an HTML comment. Comments are not displayed in the browser-->
```

# html cheat sheet page 3

## Syntax for a link

```
<a href="http://www.w3schools.com">Visit W3Schools</a>
```

## Syntax for image

```

```

## Image that is a link

```
<a href="http://stocklogos.com/sites/default/files/mcguire.png">
 </a>
```

## Some HTML tags

<DOCTYPE> - document type	<img> - image
<html> - "what follows is HTML"	<li> - list item
<head> - invisible part of your site	<link> - to attach CSS stylesheets
<title> - title of the page	<ol> - ordered list
<body> - visible part of your site	<span> - inline content divider
<p> - paragraph	<strong> - strong text emphasis
<h1> - most important header	<style> - for inline CSS styling
<h2> - 2nd most important	<ul> - unordered list
<a> - hyperlink	<blockquote> - for large quotes
<div> - content divider	<b> - text set as bold
<em> - text with emphasis	  - line break

## New semantic/ structural HTML5 elements

<!-- TAG	DESCRIPTION-->
<header>	Defines a header for the document or a section
<nav>	Defines navigation links in the document
<footer>	Defines a footer for the document or a section
<article>	Defines an article in the document
<aside>	Defines content aside from the page content
<section>	Defines a section in the document

# html cheat sheet page 4

## Inline styles

This text will be `<b>` bold `</b>` and this text will be `<i>`italic `</i>`.

**To use inline styles, add the style attribute to the relevant tag. The style attribute can contain any CSS property.**

```
<h1 style="color:blue;margin-left:30px;">This is a heading.</h1>
```

```
<p style="font-family:Arial">
```

```
<span style="font-style:italic">
```

## Embedded or internal CSS stylesheet on HTML page in `<head>`

```
<!DOCTYPE html>
<html>

<head>
<style>
  body {background-color:lightgray}
  h1 {color:blue}
  p {color:green}
</style>
</head>

<body>
  <h1>This is a heading</h1>
  <p>This is a paragraph.</p>
</body>
</html>
```

# html cheat sheet page 5

## Structural page tags

```
<title> Title </title>
<p> Paragraph </p>
<h1> Most important heading </h1>
<h2> Second important heading </h2>    ( ...up to <h6> )
<body> Body of the document. </body>

<div> Defines a division or a section in an HTML document.
Group block-elements to format them with CSS. </div>
```

## Adding external style sheet to HTML

```
<link type="text/css" rel="stylesheet" href="stylesheet.css">
```

## Adding link to a Google Font

```
<link href='http://fonts.googleapis.com/css?family=Lato:100,300,400,700,900,100italic,300italic,400italic,700italic,900italic' rel='stylesheet' type='text/css'>
```

## Self-closing tags in HTML

```
<!--IMAGE AND LINK TAG-->

<img> tag
<link> </link>



<link type="text/css" rel="stylesheet" href="CSS file address"/>
<link type="text/css" rel="stylesheet" href="stylesheet.css"/>
```

# html cheat sheet page 6

## Kinds of lists in HTML

```
<!--UNORDERED LIST (BULLITS)-->
```

```
<ul>  
  <li>Coffee</li>  
  <li>Tea</li>  
  <li>Milk</li>  
</ul>
```

```
<!--ORDERED LIST (NUMBERED)-->
```

```
</ol>  
  <li>Coffee</li>  
  <li>Tea</li>  
  <li>Milk</li>  
</ol>
```

## <ul> and <li> for navigation

```
<!--NAVIGATION SECTION IN HTML-->
```

```
<ul>  
  <li><a href="default.asp">home</a></li>  
  <li><a href="news.asp">news</a></li>  
  <li><a href="contact.asp">contact</a></li>  
  <li><a href="https://www.google.com/fonts/specimen/Lato">about</a></li>  
</ul>
```

# html cheat sheet page 7

## Some HTML elements / tags

<DOCTYPE> - document type	<img> - image
<html> - "what follows is HTML"	<li> - list item
<head> - invisible part of your site	<link> - to attach CSS stylesheets
<title> - title of the page	<ol> - ordered list
<body> - visible part of your site	<span> - inline content divider
<p> - paragraph	<strong> - strong text emphasis
<h1> - most important header	<style> - for inline CSS styling
<h2> - 2nd most important	<ul> - unordered list
<div> - content divider	<blockquote> - for large quotes
  - line break	<b> - text set as bold
<em> - text with emphasis	<h3-h6> - 3-6th most important

## Some new HTML5 elements

<footer>	Defines a footer for the document or a section
<header>	Defines a header for the document or a section
<main>	Defines the main content of a document
<article>	Defines an article in the document
<aside>	Defines content aside from the page content
<nav>	Defines navigation links in the document

# html cheat sheet page 8

## New HTML5 video element

```
<!--CONTROLS ADDS VIDEO CONTROLS-->
```

```
<video width="320" height="240" controls>  
  <source src="movie.mp4" type="video/mp4">  
  <source src="movie.ogv" type="video/ogg">  
Your browser does not support the video tag.  
</video>
```

```
<!--AUTOPLAY-->
```

```
<video width="320" height="240" autoplay>  
  <source src="movie.mp4" type="video/mp4">  
  <source src="movie.ogv" type="video/ogg">  
Your browser does not support the video tag.  
</video>
```

## Centering text in <div> element

```
<!DOCTYPE html>  
<html>  
<body>
```

```
<p>This is a paragraph. This text has no alignment specified.</p>
```

```
<div style="text-align:center;border:1px solid red">  
This is some text in a div element!  
</div>
```

```
<p>This is a paragraph. This text has no alignment specified.</p>
```

# html cheat sheet page 9

## Types of lists in HTML (ordered & unordered)

```
<ol>
  <li>Coffee</li>
  <li>Tea</li>
  <li>Milk</li>
</ol>
```

1. Coffee  
2. Tea  
3. Milk

```
<ul>
  <li>Coffee</li>
  <li>Tea</li>
  <li>Milk</li>
</ul>
```

- Coffee
- Tea
- Milk

## HTML "block" and "inline" elements

Block level elements normally start (and end) with a new line, when displayed in a browser.  
Examples:

```
<h1>, <p>, <ul>, <table>
```

Inline elements are normally displayed without line breaks.

Examples:

```
<b>, <td>, <a>, <img>
```

## Target attribute

```
<!--SPECIFIES WHERE TO OPEN A LINK, HERE = NEW WINDOW-->
```

```
<a href="http://www.w3schools.com/" target="_blank">Visit W3Schools!</a>
```

# html cheat sheet page 10

## Anchor tags

```
<!--LINKS TO DIFFERENT SECTIONS OF ONE PAGE-->
```

The anchor tag will consist of two HTML elements. First, create the link:  
For example, if the text is "Read more about raptors!" then your HTML should look like this:

```
<a href="#raptors">Read more about raptors!</a>
```

The anchor code would be:

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