

HTML Essentials: Pre reading

HTML stands for Hypertext Mark-up Language and it is used for creating WebPages. A web browser is designed to read HTML and then translate it into the things you can see on the screen.

HTML is a mark up language as it defines structure. HTML is not a programming language as it does not have features such as **iteration** (loops/repetition such as for and while) or branching (conditionals/decisions such as if, elif, and else).

There are chevrons `<>` around tags. The four essential HTML features are DOCTYPE, html, head, and body. This is what we call boilerplate code as every page has it. Most tags have a closing tag with a forward slash

`<!DOCTYPE html>` is always the first line of an HTML file.

`<html>` tells the browser that we have used HTML to code the page.

`<head>` is meant for things that aren't displayed in the main body of your page, like the title.

`<body>` contains all the content you want to see displayed.

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4
5   </head>
6   <body>
7
8   </body>
9 </html>
```

Main heading

In HTML this is given by
`<h1>HTML 5 News </h1>`

Subheading

In HTML this is given by
`<h3>The HTML Elements</h3>`
There are six different sizes of the **h tag (h1 to h6)**

Paragraphs (normal text)

In HTML this is given by
`<p>Some text</p>`

HTML 5 News by JustIT

The HTML Elements are invading every browsers

OPENING TAG

CHARACTER

LEFT-ANGLE BRACKET

RIGHT-ANGLE BRACKET

CLOSING TAG

FORWARD SLASH

CHARACTER

LEFT-ANGLE BRACKET

RIGHT-ANGLE BRACKET

`<!DOCTYPE html>` is always the first line of an HTML file. `<html>` tells the browser that we have used HTML to code the page. `<head>` is meant for things that aren't displayed in the main body of your page, like the title. `<body>` contains all the content you want to see displayed.

HTML cheat sheet

All content needs to be between the <body> tags.

Text	
Heading	<code><h1>Largest heading</h1></code> <code><h6>Smallest heading</h6></code>
Paragraph	<code><p>Paragraph text</p></code>
Unordered list	<code></code> <code>list item</code> <code>list item</code> <code></code>
Ordered list	<code></code> <code>list item</code> <code>list item</code> <code></code>
Links	
Link to externally hosted site	<code> text</code>
Link to local page	<code>text</code>
Images	
Link to hosted image	<code></code>
Link to local image	<code></code>