Week 1

To demonstrate my understanding of HTML I have produced this document.

**Introduction to HTML**

HTML stands for Hyper Text Mark Up Language[[1]](#footnote-1). It used to produce a structured web page.

The current most up to date version is HTML5 (launched in 2014), version 5.2 was released on 14th December 2017[[2]](#footnote-2).

HTML is made up of “elements” which form the “building blocks” of web page. These elements are called “tags”. These tags are rendered by a Web Browser (Chrome, Explorer, Edge, Firefox etc.) and display the context associated with each tag.

There are around 89 tags associated with HTML, some have overlapped or became redundant or alternatives have been found as HTML versions have been released.

HTML code can be written out in most non-specific text editors. Most computers come with a free text editor such as notepad for windows.

I’ve used a text-editor specifically designed to accommodate HTML coding called atom[[3]](#footnote-3). The most popular adobe system to use html code editing would be Abobe’s Dreamweaver[[4]](#footnote-4).

**HTML Glossary and Cheat sheet of HTML tags**

The elements involved in creating HTML web pages are identified using their HTML tag.

From w3school:

*HTML tags are element names surrounded by angle brackets:*

*<tagname>content goes here...</tagname>*

As you can see a tag starts with “<tagname>” but ends with “</tagname>”

The first tag is called the opening tag and the second tag is called the closing tag, identified by the backslash (/) at the beginning of the tagname.

The majority of HTML tags follow this format, seldom find self-closing tags which require only one set of angle bracket but will cover these later in the document.

**HTML5 document Layout**

As HTML is constructed in a text editor it uses the angled brackets to distinguish between what is hidden and what is visible.

All HTML documents start with a self-closing tag which declares the document type is html5.

<!DOCTYPE html>

This is at the very top of the text document to help the web browser display the correct content.

The is followed by

<html>

</html>

Which is the root tag for every html element. For the html to operate correctly all the following tags have to within these 2 tags.

**The Barebones of html**

1. <!DOCTYPE html>
2. <html>
3. <head>
4. </head>
5. <body>
6. </body>
7. </html>

The <head> tag contains all the metainformation of the document: such as title, description, linkage to other pages, complementary stylings and more which will be covered.

The <body> tag contains all the

1. <https://www.w3schools.com/html/html_intro.asp> [↑](#footnote-ref-1)
2. <https://www.w3.org/TR/html/> [↑](#footnote-ref-2)
3. <https://atom.io/> [↑](#footnote-ref-3)
4. <https://www.adobe.com/uk/products/dreamweaver.html> [↑](#footnote-ref-4)