Week 1

1. **Document Object Model**

Tree like structure that describes how elements of a html page are related to one another. Root is always html element which is the parent element. Then you have child elements of head and body. Within the head element there is a title child element.

1. **Headers**

Headings tag exists within body tag in DOM. Headings are just titles

1. **Lists**

2 types of lists in html, ordered and unordered. Ordered lists will automatically have numbers attached I.E.

1. First item
2. Second Item
3. Third Item

Unordered lists will only have bullet points in front of them

* First item
* Second Item
* Third Item

Ordered lists are created with the tag <ol> while unordered lists are created with the tag <ul>. Both tags are found within the body tag. Within each lists you have a list item <li> which stands for what should actually appear in front of the number or bullet point.

1. **Images**

Html also allows us to embed other media types such as Videos or Images. To embed images we must use the img tag. Img tag takes 2 attributes (i) src – which is the path to the file to be displayed (ii) alt – words that should be displayed if image is unable to be generated for whatever reason. Img also has other optional attributes such as (i) width -> how many pixels large for width (ii) height – same as width

Img tags has no beginning and closing tag unlike the other tags as it contains nothing but a jpg file.

1. **Hyperlinks**

Links are created with the <a> tag which is the anchor tag.

1. **Forms**

Forms are how you get user input. They are many different types of forms offered by html. Create a form by having the form tag and within that form tag you must have input tag which specifies the type of input within that form.

Form types can be (i) text (ii) password (iii) radio

There is list attribute in inputs as well that indicates that you want the possible options to come from a list.