HTML basics

* To create a HTML file:  
  name the file .html  
  the first line should be <!DOCTYPE html>  
  the next line should be <html>  
  end the document with </html>
* <> are called tags
* Comments start with <!- and end with -->
* <p> starts a new paragraph
* <h1>, <h2>, <h3> are headers. <h1> is the biggest and each one gets smaller – it goes up to <h6>
* <ol> stands for ordered list and instead of bullet points uses ascending numbers
* <a href = “link”> is for hyperlinking
* <img src = “link”/> is for embedding images
* <br> makes text start on a new line
* <div> is used to make divisions and different sections in your work   
  you can add classes to your divs   
  e.g: <div class= title>

Semantic Tagging

<nav>  
declare navigational links over your website to create menu sections.

<article>  
when you have a part of your document that makes sense by itself (‘standalone content’).

<section>  
For a chunk of content that can be broken down into tiers.

<header>  
Can include a title for the document, scripts, styles, meta information, and more.

<aside>  
Defines some content aside from the content it is placed in. The aside content should be related to the surrounding content.

<address>   
Contact info for nearest article or body.

Search bar example

<div class="search">

<form action="C:\Users\c1629177\Documents\Web development\Project 1\Homepage.html/search.php">

<input type="text"; name="search bar"; placeholder="Enter keyword here..."/>

<input type="submit"; value="Search here."/>

</form>

</div>

How to link a HTML to a separate CSS stylesheet:

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

* Img and link tags are **self-closing** which means you don’t need a </link> or </img> tag   
  e.g: <img src=dog.jpeg/ >
* A selector can be any HTML element, such as <p>, <img>, or <table> withouts tags <>s  
  They can be used in the CSS stylesheet with a dot in front of them   
  e.g: .table

CSS examples

* height: 50px;
* border: 1px dashed blue;
* next best value:  
  .selector {property: bestValue, nextBestValue;}
* <strong> makes text appear in **bold**
* {text -align: center ;}  
  puts text in the centre of the screen
* Font change:  
  {font-family: “calibri light”;}
* Font size:  
  <h2 style = “font-size: 12px”>
* Font colour:  
  <h2 style= “color: red”>
* Background colour:

<h2 style = “background-color: orange”>

* <em> tag makes words appear in *italics*

Positioning

Static  
It will go with the flow and placed after the element before it

Relative

Absolute

Put in a specific position relative to the parent flow

Fixed

It will never move

Display

Pseudo classes (CSS)

A:link {color:blue}

changed the colour of a link

A:visited {colour:blue}

the colour of the link will change after you click it

A:hover {colour:blue}

When the user put the mouse over the selector content it will turn blue