

WEB DEVELOPMENT CLUB WORKSHEET


Week 1 – The Basics

Before we start any of the work create a folder on your OneDrive called “Web Development Club” so we can store the files we will use and others you will create.

ACTIVITY 1 – TAGS AND EDITING

Files Used	Tags.html
1.	Begin by opening tags.html and viewing the webpage to see the various elements
2.	Then open tags.html either in Adobe Dreamweaver or Notepad. This can be done by right clicking the supplied file and using the open with option and selecting the relevant program.
Extension	Either visit HTML Tutorial (w3schools.com) and look at the links on the left and add your own html tags and experiment with these or ask the teacher for some additional tags to use.

ACTIVITY 2 – USING DEVELOPER TOOLS

Files Used	Tags.html
1.	Open the tags.html file in the web browser (Microsoft Edge).
2.	The top right of the browser click the three dots symbol.  A screenshot of a browser's top-right corner showing a menu with four icons: a star, a square with a plus sign, a person icon, and a circle with three dots. The circle with three dots is circled in black.
3.	Locate more tools in the menu and then click Developer Tools you should now see below.

```

<html>
  <head></head>
  <body> == $0
    <h1> This is a heading tag </h1>
    <h2> A smaller heading tag </h2>
    <b> Bold text </b>
    <u>Underlined text</u>
    <i> Italic text </i>
    <br>
    <br>
    <form>...</form>
    <a href="#"> A Link</a>
  </body>
</html>

```

4.

When you hover over a tag you will see the relevant item on the webpage now highlighted with a blue background. You can right click a tag in developer tools and choose the **Edit as HTML** option. This allows you to modify the tag and once you have done this and click away from the tag in the developer tools section any change made will be reflected on the page.

5.

Use the editor to remove some of the tags and add a few hyperlinks (<a> tag) and amend some text and make it both bold and italic.

Please Note: Any changes made in developer tools are not permanent. You can refresh the page to get the original file back.

ACTIVITY 3 – USING CSS

Files Used

Tags.html

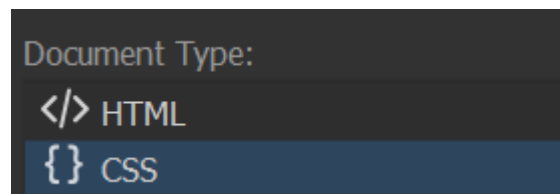
Files Created

styles.css

1.

Create a file called styles.css.

Adobe Dreamweaver: Click File > New and then select CSS as the document type and click create.



Notepad: Click File > Save As and then in the File name box write styles.css and in the Save as type box change this to All Files. It should look like the below.

	<div style="background-color: #333; color: #fff; padding: 10px;"> <p>File name: <input style="border: 1px solid #ccc; width: 100%;" type="text" value="styles.css"/></p> <p>Save as type: <input style="border: 1px solid #ccc; width: 100%;" type="text" value="All files"/></p> </div>
2.	<p>Within your newly create CSS file we will create three tags.</p> <pre>background-color h1 p</pre> <p>For background-color you can choose a suitable colour whether that is red,blue,black etc. or you can use a hex colour chart and use a hex colour.</p> <p>For h1 we want to choose a colour and also we can use text-align</p> <p>For p we will experiment with font-family and also font-size.</p>
3.	<p>With the CSS file saved with our code added to it we have one final step in the tags.html file.</p> <p>Create a <head> tag within the tags.html file and then add the line of code below. Remember to close the <head> tag.</p> <pre><link rel="stylesheet" href="styles.css"></pre> <p>Save the file once the code has been added.</p>
4.	<p>Refresh your tags.html file and notice the changes to the webpage.</p>
Extension	<p>W3 Schools is a fantastic resource for learning about HTML and CSS. Visit the CSS page https://www.w3schools.com/css/default.asp and do some experimenting with the code examples given and add to your own work.</p>