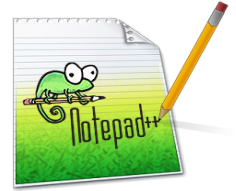


## What will we learning in this Lesson?

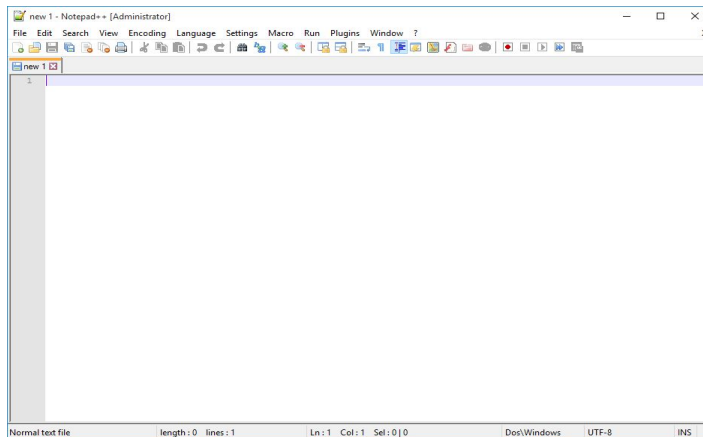
- The basics of the text-editor notepad++
- How to make a basic html web page
- How to use tags.

## Opening our text editor and saving our website:

Before we can start coding a cool new website, we need to set up your text-editor. A text editor allows you to write code in clear and understandable way. It also lets us run our code more easily.



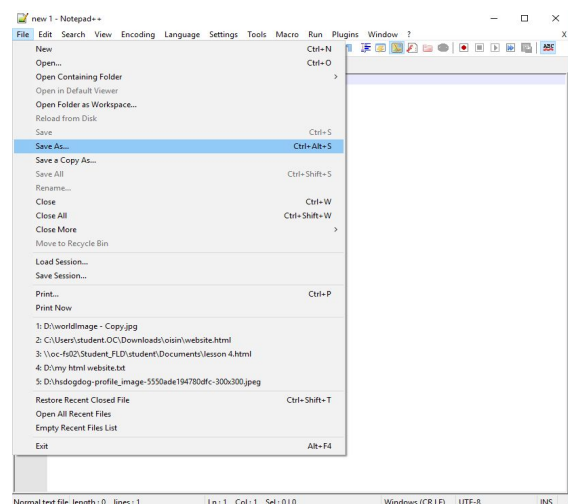
Now let's open our text editor, **Notepad++**. It may be on the desktop or applications.

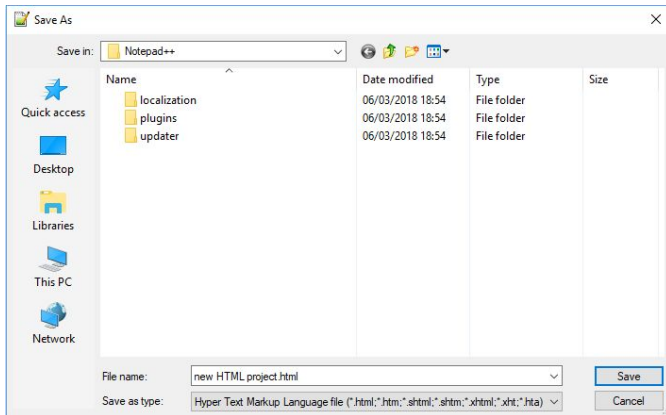


Once you've clicked on Notepad++ this screen will appear.

The next thing we need to do is to **save our file as a HTML file**. HTML stands for Hyper Text Markup Language and is one of the main parts of web design.

To save a file we click on file in the top left corner and select Save As...





Make sure to save the file with the .html extension. This lets Notepad++ know it is a HTML file. If you don't say what type of file it is it won't work when you try to show it to the screen.

**Make sure you save the file to your Academy of Code USB stick.**

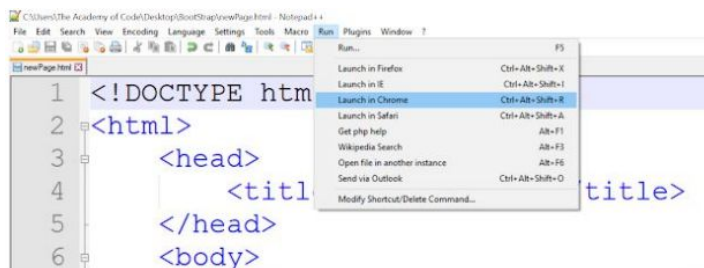
## Building the first website:

The next step is to try copying the basic HTML code into Notepad++. Don't worry too much about this code or what it does. We'll talk about it more in the future. The copied text should look like this in Notepad++

```

1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>New Web Page</title>
5   </head>
6   <body>
7     <h1>This is a heading tag</h1>
8   </body>
9 </html>

```



**To run a file click on the Run button at the top of the Screen and select either Internet Explorer or Google Chrome.**

**Congratulations you've created and run your first web page!**

**Tags:**

HTML uses tags to build a webpage. Different tags mean different things. Most tags consist of an opening tag `<blah>` and a closing tag `</blah>` with text or data between the tags. For example, `<h1>`The text writing between the tags here is displayed.

`</h1>` The `<p> </p>` tag stands for paragraph and is generally used for normal sized text. The `<h1></h1>` tags are used for large text like a title on the top of a page.

For the next task we're going to go through a list of the most important html tags. All the code for this lesson will be inside the `<body></body>` tags like in the example (don't worry about the `<title></title>` tag for now).

```

1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>New Web Page</title>
5   </head>
6   <body>
7     <h1>This is a heading tag</h1>
8     <p>This is a paragraph tag</p>
9   </body>
10  </html>

```

**Task:**

1. Change the text in the `<p></p>` tags to you name. What has changed?
2. Create a new `<p></p>` tag below the first one.
3. Create a new tag below `<h1></h1>` but this time call it `<h2></h2>`. What's the difference? What happens when you use this tag?
4. Can you make the web page shown.

**Bonus task:**

Make a web page about one of your favorite things. This can be a band, a sports team, a youtuber or whatever else you want to talk about! Make sure to use all the tags we have talked about above.