

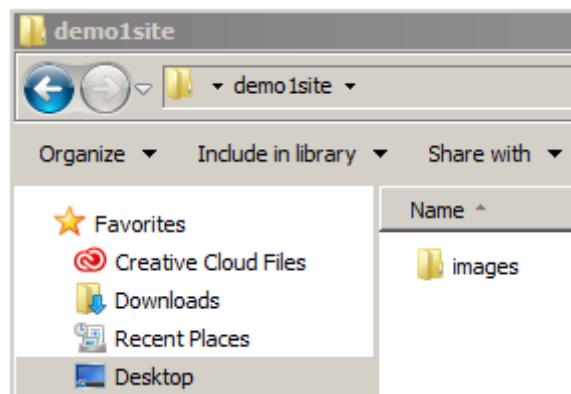
# VS Code and Setting up a site

## Step 1 - Setting up the Site

This is a very important step in creating a website whatever method you use.

**All files and subfolders** associated with the site must be in **one folder**, known as the **local root folder**.

From Moodle, download the zipped folder called **demo1site** and copy the unzipped folder on to your Desktop (or somewhere else that suits you). You should end up with a folder structure like this:

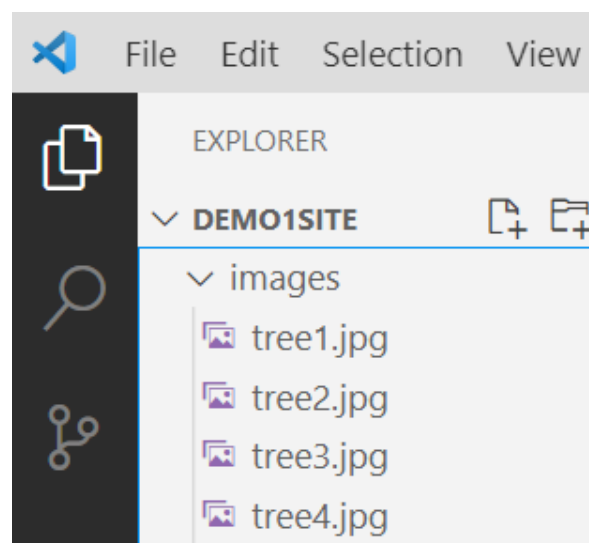


## Setting up the local root folder

Go to **File>Open Folder** and browse to the **demo1site** folder

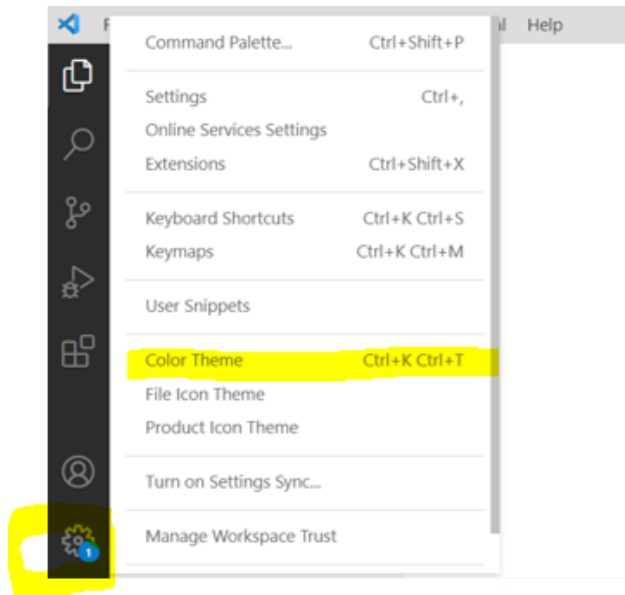
**demo1site** contains a sub folder called **images** that contains 4 jpg photos.

demo1site is the local root folder and all files and folders associated with this website will be stored here.



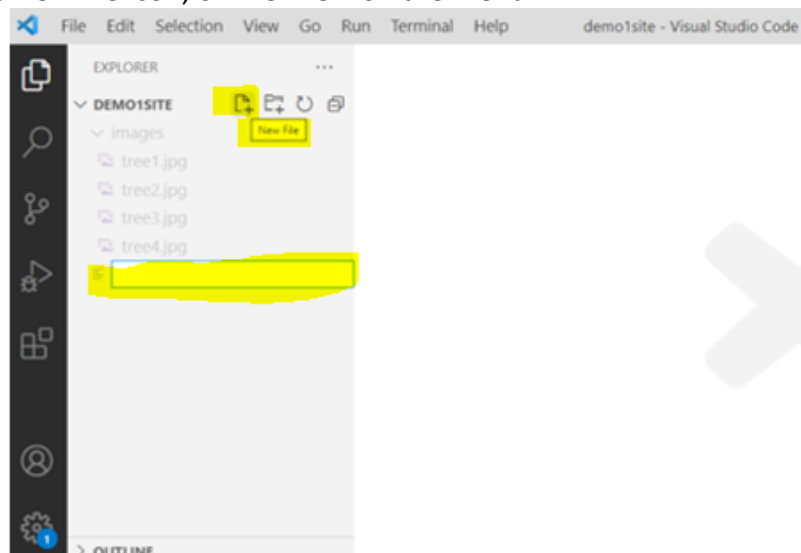
## Changing the Theme

Select **Settings** – the icon can be found on the bottom left of the editor and then choose Color Theme. Experiment to find one you feel comfortable working with.



## Creating a New File

Either select the New file icon, or File>New on the menu



Save the file as **index.html**


*\*\*Important: the home page of every website must be called index*

## Using Emmet

Emmet is a great addition that makes coding more efficient.

Type an **!** and press the **tab** key

This gives you the bare bones of an HTML document very quickly:



The screenshot shows the Visual Studio Code interface with a file explorer on the left and a code editor on the right. The file explorer shows a project named 'DEMO1SITE' with a subfolder 'images' containing four image files and an 'index.html' file. The code editor shows the content of 'index.html', which is a basic HTML5 document structure generated by Emmet. The code is as follows:

```
1 <!DOCTYPE html>
2 <html Lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8 </head>
9 <body>
10
11 </body>
12 </html>
```

## Explanation

`<!DOCTYPE html>` tells the browser that it is an HTML 5 document

`<html Lang="en">` this tells the browser that the language is English

`<meta charset="UTF-8">` character encoding standard that assigns a unique number to every letter in every language

`<meta name="viewport" content="width=device-width, initial-scale=1.0">`  
sets the width of the page to follow the screen-width of the device and scales to 1

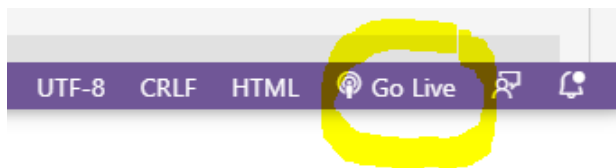
Change the title between the open and close title tags:

**<title>Demo 1 – Basic HTML elements</title>**

File>Save or CTRL +S

## To Preview your web page in a browser

If you have installed the Go Live extension, you should see it at the bottom right  
Click the little Live Preview Symbol on the right-hand side.



Select Go Live and a Browser window should open. The page should be empty as the web page currently has no content.

Check this works before moving on