

CA106 Web Design –F2F Session CA1

Thursday & EC1 Friday 3:00 to 5:00

Week 3 F2F

Introduction.

This lab aims to introduce you to adding a bit of structure to your pages. You will look at <header>, <main>, <section>, <article><footer><nav> and <aside>.

Check out the following link this will make html page structure easier to understand

https://developer.mozilla.org/en-US/docs/Learn/HTML/Introduction_to_HTML/Document_and_website_structure

Once you have read and studied this page, complete the following project, taken from the Mozilla website.

Project brief

For this project, your task is to take the content for the homepage of a bird watching website and add structural elements to it so it can have a page layout applied to it. It needs to have:

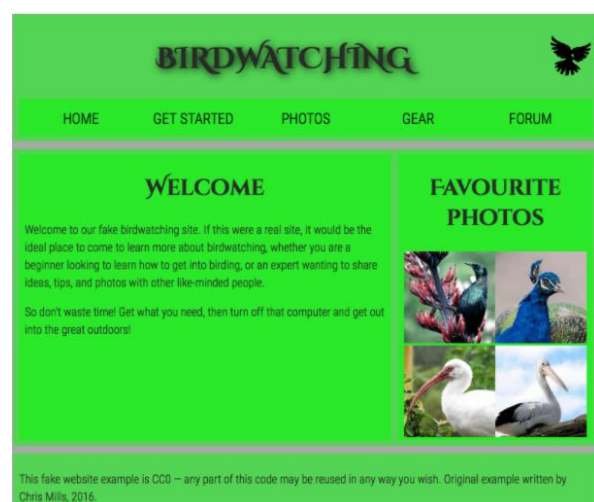
- A header containing the main title for the page and the site logo. The title and logo appear side by side once styling is applied (the CSS file provides this)
- The navigation area (links) appears below the page title and logo.
- A main content area containing two columns — a main block to contain the welcome text, and a sidebar to contain image thumbnails.
- A footer containing copyright information and credits.

To complete the project you need to download the HTMLStructure.zip file, [click here to download it](#) and complete the task of structuring the page so it looks like the following layout

You need to add a suitable wrapper for:

- The header
- The navigation menu
- The main content
- The welcome text
- The image sidebar
- The footer

Test the site and when your happy with it upload it to the student server and test it again to make sure you can see all the images etc.,



Hints and tips

- Use the [W3C Nu HTML Checker](#) to catch unintended mistakes in your HTML and, CSS— mistakes you might have otherwise missed — so that you can fix them.
- You don't need to know any CSS to do this assessment; the CSS has been provided inside for you.
- The provided CSS is designed so that when the correct structural elements are added to the markup, they will appear green in the rendered page.

Part 2: Structure you index.html file from last week's F2F

Step 1.

Just like the previous exercise, you're going to build on your existing home page index.html, you can modify the one you did last week that you stored in lab2 directory.

Add structure to the page, you need to add a suitable wrapper for the following, you don't need to worry about CSS stylesheet at this time:

- The header section (add a header to the page saying e.g., Curriculum Vitae and include an image of a person)
- The navigation menu (make the about me, education etc., the navigation menu)
- The main content
- Section and article tags
- Sidebar if you feel it is necessary
- The footer – could put your contact details (nothing personal like your phone number)

Only when you are happy with the finished product should you put it online.

Once you've are happy that you have implemented the page structure, go on to step two.

Step 2:

Add two additional image to your hobbies section, if they are too large use the height and width attributes to resize one of them, for the second image create a thumbnail image and link to the larger image.

You could try and add at least **one anchor link** to your navigation list

1. About Me;
2. Education;
3. Hobbies.
4. Favourite Meal

Step 3: Get it online.

Test your webpage on your local machine and once you're happy with it upload it to the student server and test it again.

Now just follow the instructions from last week to get the page online. This time however, just copy the entire lab2 folder once again up to the public_html folder on the server. Work out the URL of your new site.

Extra Exercise

Try finding some free to download images and try compressing them using a file compression software, you could use FILEminimizer, if you like, and see how much compression can reduce the files depending on the file format of the images.