Web Site: Two Column Layout with a variety of links Part 1
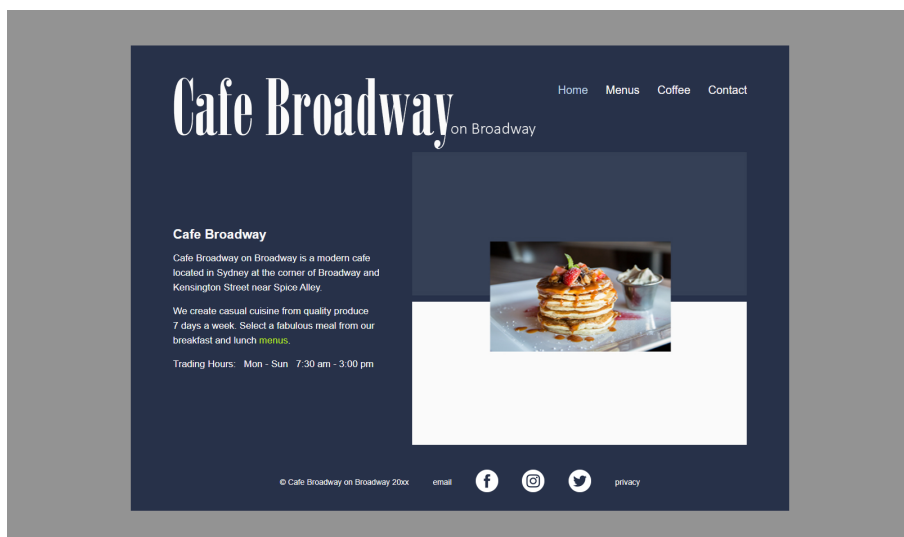

Preparation

1   Copy the **café broadway on broadway** file to your disk space

2   Reference documents are provided, including:

-   full scale digital artwork for the home page (index.html)
-   a web page structure diagram
-   content for the pages in the web site
-   a CSS flexbox reference sheet

3   Create the standard web folder structure and **move** the files into their appropriate folders

4   Copy your html template and your css template to the **www** folder

5   Rename the html template file to _____ (hint: it is **not** home.html)

6   Rename the css template file to suit the web site project

7   Open these files in your preferred text editor

8   Link the html and css files – locate **"nameOfFile.css"** between the **<head>** tags, and amend it to _____

Develop the HTML structure & content for index.html

Structural coding

1   Open the web page structure diagram

2   Develop the html structural tags to match this diagram

<header> tag coding

1   Insert the logo image between the <header> tags – remember to include the width, height and alt attributes

2   Apply a link to the logo image so that it loads the home page (index.html)

<nav> tag coding

1   Open the content file, copy the four navigation items then paste them between the <nav> tags

2   Apply unordered list codes to these items

3   Insert link codes in these items – remember to include the complete filename, with no spaces (ie code the proposed filename; don't use #)

4   Insert an id of **current** to the link for the current page. The filename of the current page is _____

<main> tag coding

1   Copy the home page content text and paste it between the <section> tags

2   Apply semantic coding to the content – refer to the artwork for the location of the content link

3   Insert the breakfast stack image between the <figure> tags – remember to include the width, height and alt attributes for the image

<footer> tag coding

1   Copy the six footer items from the content document and paste them between the <footer> tags

2   Apply unordered list coding to each footer item

3   Insert links for the footer items **except** the copyright statement

4   Amend the copyright statement to replace '©' with '**©**'

5   Amend the date so that it displays the current year

6   Replace each social media item with suitable images and link coding

7   Note: you do not need to develop the email.php and privacy.html pages in this task, however, do apply the correct filenames in preparation for a future task (do not use #)

<head> tag coding

1   Add suitable title text between the <title> tags in the <head> section of the html file – **for the home page, the title text should state the site name and briefly describe the content on the page**

2   Check that your name and your contact details are included in the meta tag for 'author'

Validate

1   **Validate** your html coding at W3C

2   Correct any errors

3   Identify the main benefit obtained from validating your html coding **before** you develop the css code? _____
_____

CSS specifications

1   Open the artwork in Photoshop, or a similar graphics package, and refer to it throughout this task

2   Open index.html in your preferred browser, eg Chrome

3   Note: testing the web page in a range of browsers (Chrome, Firefox, Edge, Safari, etc) will occur later in this task

4   **One** css file is applied to all the pages in this web site. The major benefit is **efficiency** – any changes to the css file are applied automatically to all the web pages in the web site

5   Code the following css rules in your css file and regularly refresh the browser display to observe the changes in your html file

body

- the font family starts with helvetica, then calibri, then add a suitable default font to this hierarchy. The default font for this task is _____

- the background colour is #939393

- the colour for the font is #fafafa

#wrapper

- the background colour is #273149

- apply a width that is measured in the artwork – ask your teacher to demonstrate this if you are unsure

- centre the wrapper horizontally with a margin of auto

- apply a suitable top margin to add space above the #wrapper _____

#inner-wrapper

- apply a width measured from the artwork

- centre the wrapper horizontally with a margin of auto

- apply suitable top padding to add space above the logo

- identify why padding, and not margin, is applied here? _____

#topper

- apply a display of flex for horizontal display of the logo and the navigation items

- justify the content with a value of space between

nav

- apply a width measured from the artwork

- add a suitable top margin

nav ul

- apply a display of flex for horizontal display of the navigation items

- justify the content with a value of space between

nav a

- the font size is 20 pixels
- the colour for the links is #fafafa
- the text decoration is none – to remove the default underline

nav a:hover

- the colour for the hover effect is #939393 – https://www.w3schools.com/cssref/sel_hover.php
- is this hover effect displayed on a touch screen? _____   Support your answer _____

#current

- the colour for the navigation item that indicates the current page is #bbcfe1

main

- apply a display of flex for the horizontal display of the two columns in the content
- justify the content with a value of space between

section

- apply a suitable top margin
- add a suitable right margin to add space between the text and the image

h1

- the font size is 23 pixels

p

- the font size is 17 pixels
- apply a suitable top margin
- apply a line height of 1.5 em – improves readability by adding vertical space between the lines of text

section a

- the colour for the link in the content is #b6ef1d
- the text decoration is none – to remove the default underline

section a:hover

- the text decoration is underline – to display underline when the mouse cursor hovers over this link

footer ul

- the font size is 14 pixels
- apply a display of flex for the horizontal display of the footer items
- justify the content with a value of space between

- apply a width measured from the artwork
- centre the footer horizontally with a margin of auto
- apply a suitable top margin to add space above the footer
- apply align items with a value of center – for vertical alignment of the footer text and footer images
- apply suitable bottom padding to add space below the footer
- identify why you apply bottom padding, and not bottom margin, to the footer _____

footer a

- the colour for the links in the footer is #fafafa
- the text decoration is none – to remove the default underline

footer a:hover

- the colour is #939393

Validate CSS

1   **Validate** your **css** coding at W3C and correct any errors

Improve the HTML display

1   Display your html file and locate the line of text that begins with 'Trading Hours'

2   Compare the horizontal spacing of this text with the horizontal spacing in the artwork

3   Refer to the class discussion for whitespace considerations in html files then insert three non-breaking spaces in this line of text to address the issue:

-   amend '**7 days**' to '**7 days**' to keep this text on the same line

-   amend '**Trading Hours: Mon - Sun 7:30 am - 3:00 pm**' to '**Trading Hours: Mon - Sun   7:30 am - 3:00 pm**' to add extra spaces between some text items

-   describe the difference between these two applications of the non-breaking space code

    _____

Validate HTML

1   **Validate** your **html** coding at W3C and correct any errors

2   The coding for this file must be validated to W3C standards so that copies of this file are **error-free**

3   In Part 2 of this task, you will copy this file and insert new content between the <main> tags; the header, nav and footer items are repeated on each page of this web site

Test your web site pages in a range of browsers

1   Load your web pages in a range of browsers (Chrome, Firefox, Edge, Safari, etc) and compare the layout

2   Correct any errors, then validate any files where you amended the code

Access tasksheet 2 and develop the remaining pages for this web site