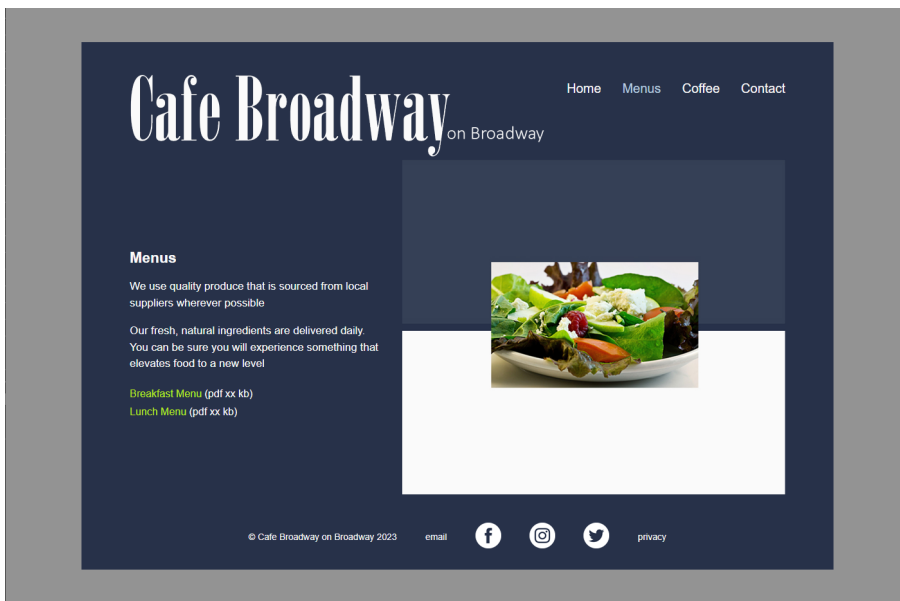# Web Site: Two Column Layout with a variety of links Part 2
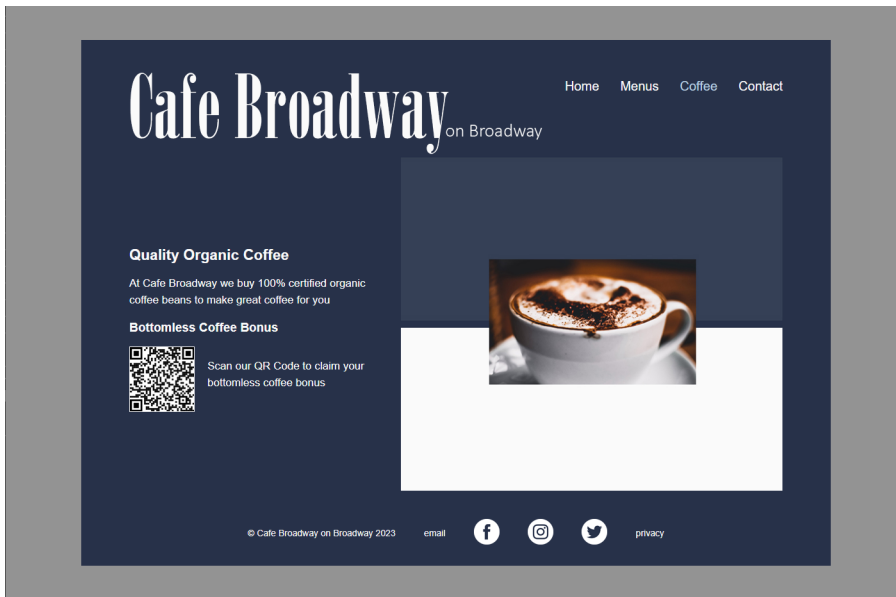
Develop the Menus page

1. Copy index.html and rename it to **menus.html**

2. Open menus.html and amend the title text between the <title> tags in the <head> section of the html file
   - generally, for pages other than the home page, the title text should briefly describe the content of the page then state the site name
   - research reputable online resources for current advice on Search Engine Optimisation in this import area – Google's web developer files are recommended as a starting point for your research

3. Locate the navigation coding and move the **id** of **current** to the link for the menu page

4. Ensure the .pdf files for breakfast menu and lunch menu are located in the **www** folder – these files are to be linked in the next steps

5. Display the content file, copy the menus page text and replace the existing content between the <section> tags

6. Apply suitable html tags to the new content text and remember to add coding for **lists and links** to the two menu files – eg <a href="xxxxxx.pdf">

7. Where indicated, include the actual file weight for each menu file – eg (pdf xx kb). Identify two benefits? _____
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8. Amend the image coding in the <figure> tag to display the correct image for this page and amend the alt text

9. Display the css file and insert coding for section ul
   - apply a suitable top margin
   - apply a line height of 1.8 em

10 **Validate** menu.html and the css file at W3C then amend if required

11 View the html file in your preferred browser and test the links for Home, Menus, the Breakfast Menu and the Lunch Menu

Develop the Coffee page

1 Copy index.html and rename it to **coffee.html**

2 Open coffee.html and amend the title text between the <title> tags in the <head> section of the html file

   - generally, for pages other than the home page, the title text should briefly describe the content of the page then state the site name

   - research reputable online resources for current advice on Search Engine Optimisation in this import area – Google's web developer files are recommended as a starting point for your research

3 Move the **id** of **current** to the appropriate navigation link for this page

4 Replace the content and apply suitable html tags

5 Insert a <div> with an **id** of **promo** around the QR code image and its associated paragraph text

6 Display the css file and insert coding for **h2**

   • apply a font size of 19 pixels

   • add a suitable top margin

7 Insert coding for **#promo**

   • apply display of flex

   • a suitable top margin

   • apply align items with a value of center – for vertical alignment of the QR code and its associated paragraph

8 Add coding for **#promo img**

   • apply a 1 pixel, solid, white border

   • add a suitable right margin

9   Add coding for **#promo p**

  • apply a top margin of 0 pixels

  • identify the benefit provided by this css coding _____

9   Adjust the image coding in the <figure> tag and remember to amend the alt text

10 <mark>Validate</mark> the html and css files at W3C and amend if required

11 View the html file in your preferred browser and test the links for Home, Menus and Coffee

Develop the Contact page

1   Copy index.html and rename it to **contact.html**

2   Open the file and amend the title text between the <title> tags

3   Amend the navigation coding to suit this page

4   Insert the content for this page

5   Apply **list** tags to the two content items

6   Research the internet for the coding for a mobile telephone link and apply the coding

  • https://www.w3schools.com/tags/tryit.asp?filename=tryhtml_link_phoneto

7   Embed a Google map – use the embed option for this task because the api has a cost associated with it (for clients, you should consider purchasing the api and include this cost in your billing)

  • https://www.google.com/search?q=embed+custom+size+google+maps&rlz=1C1GCEB_enAU876AU876&ei=f BYYZP6CBa_M2roPp4WPuAw&ved=0ahUKEwj-sNvoiOr9AhUvplYBHafCA8cQ4dUDCA8&uact=5&oq=embed+custom+size+google+maps&gs_lcp=Cgxnd3Mtd 2l6LXNlcnAQAzIKCCEQoAEQwwQQCjIKCCEQoAEQwwQQCjoKCAAQRxDWBBCwAzoHCAAQsAMQQzoHCAAQD RCABDoGCAAQBxAeOggIABAIEAcQHjoFCAAQhgM6BggAEAgQHjoICAAQCBAeEA1KBAhBGABQkQVY6CRgriZo AnABeAGAAccBiAGAD5IBBDAuMTKYAQCgAQHIAQrAAQE&sclient=gws-wiz-serp

8   Display the css file and insert coding for **iframe**

  • apply a suitable top margin

9   Amend the image code in the <figure> tag to display the correct image and its alt text

10   **Validate** the html file at W3C and amend if required

11   View the files in your preferred browser and test the links for Home, Menus, Coffee and Contact, the telephone link and the embedded map link

Finalise the web site

1   Test the display of your web files in a range of browsers eg Chrome, Firefox, Edge and Safari – you should aim for consistent display of your web site pages in each of the browsers

2   Amend the coding if required

3   **Validate** any amended file/s and test the web site display again

4   If time permits, ask your teacher to provide you with valuable feedback for your web site

Links included in this task

-    Links between pages in the site (**relative** links)

-    Links to external sites (**absolute** links)

-    Content links (alternate options for navigation throughout the site)

-    Links to files other than html (pdf files)

-    Phone link

-    Embedded Google map link

-    Image link (logo)

There are other link options, including links to content within a long page – this is a design option that is explored in our advanced web courses