Web Coding Unit
TASK WC06 – Setting Up Divs

This task requires the use of <div> tags to set up the layout styles for a major HTML page. The skills needed for this task are in the reference lectures and have been used in Tasks WC01 to WC05 already. Refer to the **Page Layout Plan**, the **Sketch** and the **Client Requirements** documents:

> R:\IT\Web Coding\Tasks**TaskWC06aClientSketch**.docx
> R:\IT\Web Coding\Tasks**TaskWC06bThePageLayoutPlan**.docx
> R:\IT\Web Coding\Tasks**TaskWC06cClientRequirements**.docx

Uses and Audience of the web page

1. These next six tasks (WC06-WC11) step through the creation of a site that will be the start of a **tourist web page** for **use by people interested in visiting Queensland**.

2. The page will be used like a 'brochure' to advertise various attractions in Queensland and Brisbane. It will feature **colours** and **images that relate to all things 'Queensland'**. The Queensland floral emblem is the Cooktown Orchid and the state colour is Maroon.

3. Consider that **people viewing this page might be using a small screen** – so the '**container**' div restricts the page to **780px**. The text needs to be clear and readable with the colour scheme that is used. The images need to be a sensible size to consider people viewing the page might be using internet at **'dial-up'** speeds with **low bandwidth**.

Setting up

4. Create a new folder to use for this and the next 5 tasks – name it **TaskWC06-11**

5. **Create** a new folder named **images** in the new **TaskWC06-11** folder. **Copy the files that are inside** R:\IT\Web Coding\Files**WC Task Images** into the new **images** folder.

6. This task needs the **HTML-Template.htm** that was created in TaskWC01 so:
   - use Notepad⁺⁺ to open that html template from TaskWC01;
   - use **File → Save As...** to save it into the Web Coding/Tasks/**TaskWC06-11** folder, but named as **index.htm**

7. Still in **Notepad⁺⁺**, create a new document (File → New) to use for a stylesheet.

8. Set the language of the new document to be CSS (Language → C → CSS)

9. Add a comment at the very top of the blank stylesheet to identify yourself as the author
   /* Stylesheet by FAMILYNAME GivenName */

10. Save the stylesheet as **brisbane.css** into the new **TaskWC06-11** folder. The folder should already contain a file called index.htm, that was saved at step 6 above.

11. In **index.htm** make sure the **<link**...**>** refers to the new **brisbane.css** stylesheet.

12. Study the **page layout plan**. **Follow the plan** to create all of the **divs** in the file **index.htm** and test it in a browser.

    There should be **no other div tags** on the page, only those that are on the plan.
    (*bigcontainer, header, menu, main1, main2container, main2a, main2b, main3, main4, footer*)

13. In the **brisbane.css** stylesheet, add selectors and styles **for each div** in index.htm, so that the browser page layout **matches** the **Page Layout Plan**. Add a **temporary background colour** to each div, so that they are identifiable while the page is being created. These colours will be removed later, when the content is added.

14. **Experiment** with rounded corners (use the **border-radius** style in the stylesheet) for **header**, **menu** and **footer** divs – *see style reference pages in your workbook.*

15. Try some rounding on two of the four corners - e.g. **main1** rounded top only, **main4** rounded bottom only. **Do not add** a border radius to **main2** and **main3** divs. Refresh the browser.

16. Add styles to the **menu**, **main1** and **footer** divs to give the top margin, as shown in the **Page Layout Plan** document.

Insert some temporary paragraph text

17. Use http://www.lipsum.com to generate **50 words of lipsum** to paste some temporary text into a paragraph (**<p></p>**) in each of **main2a**, **main2b**, **main 3** and **main 4**. Save and refresh the browser.

The footer div

18. Look at the *Page footer* section of the **Client Requirements** document and

- add the copyright *symbol* and *year*

- add the *wording* for the link (but the link itself will be created in TaskWC10)

HOMEWORK:

If you did not finish this task, then complete it for homework.

PROJECT:

At this point, retrieve a copy of the project
   *R:\IT\Web Coding\WC Project****WC Project.docx***

- Study at the page **sketch** and **page layout plan** on pages 2 & 3.
- Study the 'Client Requirements' on pages 4 & 5 to understand what they want.
- Complete steps 1 to 14 on page 1 of the WC Project.
- The teacher may want to check your html and stylesheet, so have them ready by the time they want to see them.