HTML 2: EXERCISE COVER LECTURE 3 (HTML-PART2) CONTINUE FROM PART 1
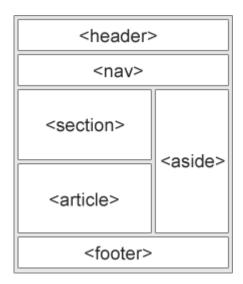
Note:

This exercise **cover lecture 3**. Most of the code can be found in the lecture 3 slides.

Make sure you finish your **part 1** exercises before you proceed with this exercise as we will **re-use** some of the same element from **lab1**.

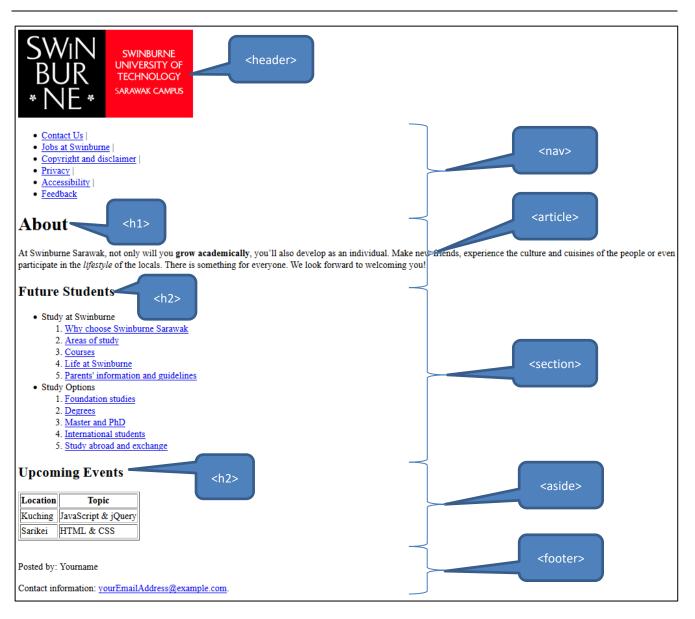**Task 1: Modify the lab1.html file to have few layout elements.**

1. Using a code editor on your computer (e.g. NotePad++), copy a file name **lab1.html rename it to lab2.html** and save under **lab2** folder.
2. Open the **lab2.html** and add few layout elements to the files.
    a. Example of layout elements is shown in the picture below. Your webpage can be different from the picture below. Picture below is just for your references. If you do not understand go back to the lecture slides.

Note:

- **<header>** - Defines a header for a document or a section
- **<nav>** - Defines a container for navigation links
- **<section>** - Defines a section in a document
- **<article>** - Defines an independent self-contained article
- **<aside>** - Defines content aside from the content (like a sidebar)
- **<footer>** - Defines a footer for a document or a section

3. Once you done with the **layout elements**, your page will look exactly the same with **lab1.html**.
4. Next add one extra **hyperlink** after the **Feedback link.** Add a hyperlink name **Register** which will link to **register.html**. See picture below

- Contact Us |
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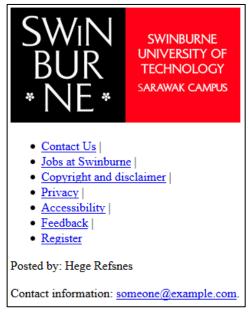- Privacy |
- Accessibility |
- Feedback |
- Register

5. Alright. You done for **task 1**. Now move on to second task which is creating the **register.html**.

Task 2: Create register.html page.

1. Using a code editor on your computer (e.g. NotePad++), copy the file name **lab2.html rename it to register.html** and save under **lab2** folder.
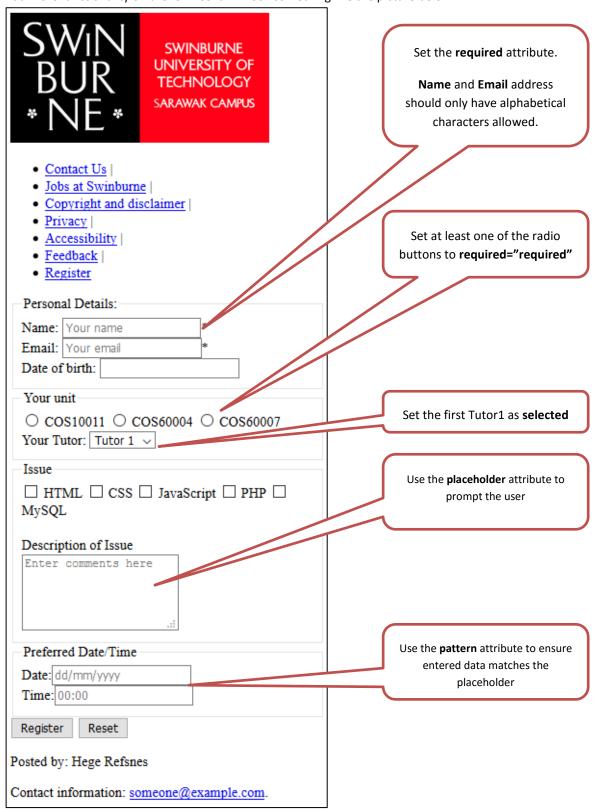2. Next **delete** the **content** that we **no longer use** so it will look like the picture below.

3. Next create a simple **form** just below the **navigation** code. Once you done, it will look like the picture below.

4. You may add few more form control elements such as **different input**, **selection of options** and **textarea**. Example is in the lecture slides.
5. Alright. You done with **task 2.**

Task 3: Add more functionality on the form

1. Using a code editor on your computer (e.g. NotePad++), open the file **register.html.**
2. Add more functionality on the form so it will look something like the picture below.

3. Once you done, make sure you send it through the W3C validator and fix any issues it reports.
4. If there is no issues, zip all your files and submit through blackboard.

Task 4: Checking HTML is well-formed XMl

1. Make a copy of your **lab2.html rename it to lab2.xml**.
2. Next make a copy of your **register.html rename it to register.xml**.
3. Next check all your **XML** file in your browser.
4. If you see something like in the picture below, meaning there is an issue with your **xml**. Solve it.

XML Parsing Error: mismatched tag. Expected: </br>.
Location: file:///C:/Users/Jeffery/Desktop/COS10011-Lab-2017/Lab2/lab2.xml
Line Number 14, Column 3:

</header>
--^

5. Once you **solve** all the **issues**, your page will show something like the picture below.

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
- <html>
  - <head>
      <meta charset="utf-8"/>
      <title>COS10011 Creating Web Applications</title>
    </head>
  - <body>
    - <header>
        <!-- image creation -->
        <img src="swinburneLogo.jpg" width="300" alt="Swinburne Logo"/>
        <br/>
      </header>
      <!-- navigation creation -->
```

6. Alright. You done with all the task. Next lab we will be doing some **CSS**.
7. If everything is done and no errors, **ZIP** the file and submit through blackboard.