

Activity 3 – HTML Markup and Validation

Aims:

- To use a text editor to mark up content with HTML5
- To validate a web page.
- To gain skills and knowledge towards completing Assignment 1.
- This page is leading to the part of Assignment1.

Task 1: Creating a page about you (about.html)

A page about you (about.html)

This page will contain information on the following:

Information	HTML element to be used
Your name	Definition list
Student number	Definition list
Your tutor's name	Definition list
Course you are doing	Definition list
Photo of you < 100k	HTML figure element
Your Swinburne timetable	HTML table
A mailto link to your student email.	

It could also include personal profile, such as resume, interests, or information that is related to you. This extra information gives you an opportunity to extend the techniques you apply in your assignment, and could include:

- Demographic information about you
- Description of hometown
- A list of your favourite books, music, films etc.

Content and Presentation of Web Pages

HTML Elements

The website must be developed using HTML5 to describe the content and logical structure. Web pages should **not contain any deprecated elements/attributes**.

The following HTML elements must be used in this assignment

- General
 - Comment, Head, Title, Meta, Body *As appropriate to each page*
- Structure
 - Header, Navigation, Footer, Section, Aside *Used in most pages*
- Content
 - Heading levels, Paragraph
 - Ordered list, Unordered list, Definition list, Table, Image and Anchors
 - Other elements as detailed in the page requirements shown below
 - A Form, with labelled and grouped form control elements which validate user input

Where “in-house” **templates** have been defined in this unit (e.g. for meta-data; tables; etc.) these should be followed.

All Web pages should have a consistent layout and navigation.

The HTML in your Web pages **must validate** against the W3C HTML5 validator <http://validator.w3.org/nu> and the web pages and markup **should be well-formed html**. Accessibility guidelines should be followed, especially for media, tables and forms.

Elements such as block quotes, strong, emphasis, among others can be used if deemed necessary and appropriate for the content. Generic structural elements like div or span should only be used where there is not a more appropriate or meaningful HTML5 element (e.g. section or strong). Pages should **not contain any deprecated elements/attributes** (e.g. <i> ,). Do not use iframe elements in this page.

Web Site Folder Structure and Deployment Requirements

The directory structure of your website is described below. You can create additional HTML files for your content (depending on what your content requires), but the following is needed:

assign1/	You must have this folder – Case Sensitive
about.html	
..... other html pages	
Images/	Folder for images for your page content