**IWBS001 Web Systems**

**(Semester 2, 2020)**

**Assignment 2 – Creating Web Pages Using HTML and CSS**

**(10 %, due beginning of tutorial week 11)**

**Create a personal web site** **based on the following requirements.**

All HTML and CSS code required for this assignment must be developed by using Notepad or a similar text based editor, **use of any Web development software, such as Dreamweaver, etc. is not permitted.**

***Scenario***

**Create your personal web site** that includes at least the following three pages:

* **A Home page** (Providing general information about yourself)
* A web page that briefly introduces **your home town** (the place/city/area where you were born).
* A web page about **one of your** **favourite activities** that you would like to share with others.

**Make a 2-3 minutes video** that explains some of your design features.

***Detailed Requirements***

**(a) The Home page** focuses on you and as such must contain:

* Your photo, name and student id.
* Some information about yourself as what you want others to know about you. This information may be presented by texts, images and/or video clips.
* Hyperlinks to your UTS email address and other two pages.

You must include sections of text and images/animations that are formatted using Cascading Style Sheets. This contents could present your education/employment background, hobbies, sporting activities, or any other topic you like to tell others about yourself. The contents can be factual or fabrication. The aim of this section is for you to demonstrate your skills of presenting/organising web page contents and CSS competence. Therefore you must include the following CSS as a minimum:

* An external CSS style sheet file that contains at least
  + A style that formats all paragraph tags
  + A generic class definition that is used somewhere on the web pages
  + A class that is specific to a particular tag
  + A class to format anchor tag hyperlinks (***hover*** event)

This CSS file must be linked to the home page.

* Embedded style that defines at least the following
  + An ***id*** selector that applies to ***font*** tag
  + A contextual style
  + A style that formats a text heading
* Multiple In-line styles

**(b) The Home Town page** must include sections of texts describing the place, such as the location, people, scenery, culture, food, etc., with some pictures showing the beauty of the place. It must have some links to Internet web sites where further information about the place can be obtained. Some of such links should be reached by clicking on pictures. **It should be specific to a place, such as a city, town, village or an area, but not just about a country in general.**

It must have the links to other two pages. The external CSS styles file used for the home page should be applied to this page as well. Some inline CSS styles should also be used.

1. **The Activity page** contains the text that describes the activity, the reasons why you like it, and the advantages/profits that you think it would bring to you. Images and/or animations/videos should be used to make it more attractive and interesting. Further reference links to Internet websites are required. It must have the links to other two pages.

Define your own **embedded CSS styles** to decorate the page. The **minimum requirements** for CSS styles are:

* At least one selector for two or more tags （Grouping style）
* At least one selector for a class
* At least one contextual style (CSS style applied to a tag within another tag)
* An ***hover*** style applied to <a> tags
* All the above defined styles must be applied to the contents of this web page.

And multiple Inline CSS styles.

1. In **the video**, you should explain some features used in your web pages. These include:

* **Two HTML tags** in your web pages, their functions and the reasons why you use them
* **Two CSS styles** used in your web pages, their functions and why you use them

***Marking Criteria***

Marking of the assessment is based on the fulfilment of the above requirements, the design of the web site interfaces, the richness of the contents included and your English writing skills. **Extensive use of CSS beyond the above minimum requirements is encouraged and would achieve better grades.**

Please refer to Assignment 2-Marking criteria on Canvas for more information.

***Submission***

**Submit a zip file that compresses the whole folder that contains all web pages, CSS style files and other related files (images, multimedia, etc.), and the video file to Canvas before the beginning of your tutorial class in week 11.**

**The zip file name must include your name and student ID.**