GAME111: Web Design and Database Fundamentals
Lab Assignment No. 2
Styling Your Personal Website

Due Date: Oct 22, 2021 @ 11:59 pm
Total Marks: 20

Instructions:
- This is an **open book/Internet** lab assignment. You can take help of your notes, instructor's lecture slides or any website on the Internet. Some of the useful websites include:
    - W3Schools CSS Documentation: https://www.w3schools.com/css/default.asp
    - MDN Web Docs: https://developer.mozilla.org/en-US/docs/Web/CSS
- You **cannot** ask for answers from your fellow students.

Purpose: To become familiar with various methods of adding style to your HTML web pages.

Your Task:
In this lab you will be using various methods of adding style (color, size, borders, etc.) to the HTML elements of your Personal Website. You will continue to work on your Personal Website from last assignment and add the following items.

Requirements:
For this lab, you will use the following items:

1. Use **inline CSS** at least **once** in your index.html page.
2. Use **internal CSS** on your index.html page to affect at least **two different** elements on that page.
3. Create an **external CSS file**, called styles.css, and put it in a css folder. Make sure the index.html and portfolio.html pages are linked to style.css. You need to add at least **3 element selectors** inside the styles.css page. An example of a style you can include in the styles.css is:

    A green horizontal rule that is 3px wide and spans 50% of the page:
    hr {
    background-color: green;
    width: 50%;
    height:3px; }

4. Use the **class selector** to add styles to a group of elements on your index.html page. Remember to label a group of HTML elements with a class name, and then add the style in styles.css that will affect that group only. For Example, in the index.html page you may have two image tags each with the same class name:

*<img src="car.png" class="photo">
*
<img src="home.png" class="photo">

so in the styles.css you write the following selector:
.photo { border: 2px; }

5. Use an **id selector** to add style to **one** specific element on your index.html page. Remember to add the id to one HTML element on your index.html page and then add the style in styles.css that will affect that one element.
6. Have one HTML element on your index.html page that is affected by **two different class styles**. Remember to label that one element with two different classes inside the tag, and then place two class selector styles in styles.css.
7. On your portfolio page **add 6 images** of your own work. If you do not have anything, add any images related to games. Place them in two rows of three in an HTML table. Add style to them so they have **rounded corners**. Use the following website to help you with the style: https://www.w3schools.com/css/css3_images.asp
8. Divide your index.html page into at least **two** sections using **<div> </div> tags**. For example, the parts where you talk about your hobbies or other personal stuff surround that section in <div> </div> tags, and the work and other professional stuff or resume into another section. Place a label in each <div> section with a class name, and then go to the styles and change the background-color so the sections are differing or alternating colours. Something like this (this is just an example, organize your site the way you think best):

   <div class="professional"> …biography… …work history… …education… </div>
   <div class="personal"> …hobbies… …personal stories… …personal projects… </div>

Pushing your personal webpage(s) to the internet:
For the last assignment, I allowed to upload files directly if you were not able to push your website to GitHub but this time, **you must be able to push your website to GitHub otherwise you will not get any credit for this assignment**.

Submission:
You only need to submit the URL to your website through Blackboard. You will not upload any files (other than an Excel file described later). Instead, go to the lab submission area as usual, then copy and paste the URL of your GitHub website via the "submission Text" and submit.

Marks Distribution:

Item	Marks
Inline CSS	1
Internal CSS	2
External file in a CSS folder	1
Linking external file in index and portfolio pages	1
External CSS element selectors	3
External CSS class selectors	2
External CSS id selectors	1
One html element with two classes	1
Images with round borders	2
Classes for div	2
Personal Content	4
Total	20

Self-Assessment:

You must do a self-assessment for this assignment. Download the accompanying Excel file from Blackboard and fill the last column "My Marks" with the marks that you feel you should get for that item (Of course, I will re-evaluate and change the marks if required, but this will be a good exercise for you to ensure that all requirements are met).

Late Submission Penalty:

There is a penalty of 10% marks deduction per day for late submissions. For example, if your submission is late by one minute to less than 24 hours then you will lose 10% marks, if it is between 24 hours and 48 hours then you will lose 20% marks and so on.