GAME111: Web Design and Database Fundamentals
Lab Assignment No. 1
Creating a Personal Website

Due Date: Oct 1, 2021 @ 8:30am
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 HTML Documentation: https://www.w3schools.com/html/default.asp
  - MDN Web Docs: https://developer.mozilla.org/en-US/docs/Web/HTML/Element
  - Stanford's HTML Cheatsheet: https://web.stanford.edu/group/csp/cs21/htmlcheatsheet.pdf
- You **cannot** ask for answers from your fellow students.

Purpose: To introduce you to the basic HTML structure of a webpage and to give you practical experience creating a webpage. You will do this by creating a personal website. For this assignment, our focus is on the **structure and content**, and we will not worry about the colors and looks. In the following weeks, we will improve the look and feel of your personal website.

Some things to include in a Personal Website:
- Your biography
- Samples of your work/portfolio
- A photo of yourself
- Your resume
- Blog
- Testimonials
- Contact info
- Hobbies/interests

Your Task:
In this lab you will be using basic HTML tags (see below) to create simple personal website containing **at least two webpages**. There are **no marks for style or color** for this assignment. Your main page is **index.html**. You must create at least one other webpage, call it **portfolio.html** and make sure it resides next to your index.html.
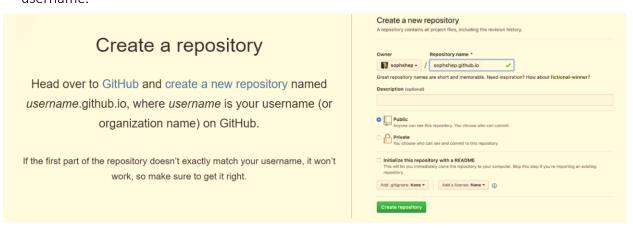
Required Elements/Tags:
For this lab, you will use the following HTML tags and structures:

1. The basic HTML template: <html>, <head>, <title>, <meta>, and <body> tags

2. At least two different header tags: any two from <h1>, <h2>, <h3>, <h4>, <h5> and <h6>
3. At least one of each of the following non-closing tags: <br>, <hr>.
4. At least one <img> tag: If you do not have a presentable image of yourself ready, you may use any random image. You will eventually need an image of yourself for portfolio project.
5. At least one of each text tag: <p>, <q>, <blockquote>, and <pre> tags. Use these tags for texts where their use is appropriate, especially in the case of <pre> tag.
6. A set of nested ordered list tags <ol> and
7. Either an unordered list tag (
) or a description list tag (<dl><dt><dd>)
8. At least one table containing at least 3 rows and 3 cols including a header row using the tags <table>, <tr>, <td>, and <th>.
9. The above table must contain a pair of merged cells (use either colspan or rowspan for that)
10. At least one image map (using <img>, <map>, and <area> tags)
11. Some anchor (link) tags
    - At least one link to an external website
    - At least one link to another webpage that you must create for this site
    - At least one link to a different place on your webpage (somewhere down below)
12. In addition to above tags, one new tag that you must look up and try out.
13. Use appropriate attributes for all the tags above. You do not need to use anything fancy or try to use too many attributes. Just use the ones that you feel are important for the working.

Pushing your personal webpage(s) to the internet:
1. You will be using the website GitHub to host your personal website. The first step is to go to https://github.com and create an account. Try to use your personal name as the username because the username will be part of your website URL. Also, use your personal email address when you sign up, because you want to keep your GitHub account long after you leave SLC.
2. Once you have created an account with GitHub, you need to create a repository (a project or folder) on GitHub. This is where your webpage code will reside. Head over to GitHub and create a new repository named *username*.github.io where *username* is your username.

3. On your computer, open Terminal (on Linux) or GitBash (on windows). You may have to download GitBash. Go to the directory where you have your webpages (where the index.html file is) and type the following commands in Terminal:

```
> cd blah/blah/blah/path-to-your-webpage-folder
> git init
> git remote add origin https://github.com/username/username.github.io
> git remote -v
```

4. Push your pages up from your computer to the GitHub web server using the following commands:
   > git add .
   > git commit –m "uploading my personal website"
   > git push origin master

5. Finally, go to your URL: https://*username*.github.io to see your index.htm page

Submission:
You only need to submit the URL to your website through Blackboard. You will not upload any files. 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:

	Marks	Description
HTML tags (and attributes)	14	To get full marks, you need to have all the HTML elements specified above
Content about yourself	6	This may include personal story, hobbies, travel, games you played, games you made, school and work history, volunteering, etc…
Total	20	