

## Lab 4 HTML and CSS

Given: Thursday August 30, 2018

Deadline: Thursday September 6, 2018

### Lab 4 HTML and CSS

#### What you need to have done within lab hours

Problem 1. Develop the website that describes about yourself (5 points)

Problem 2. Develop the website that describes about your book to read (5 points)

### What you need to have done within lab hours

- You need to **submit the folder containing all files related to the assigned web pages via your bitbucket account as well as upload at your github account such that the URL of file index.html can be accessed via `http://<your_username>.github.io` as my sample page is shown in Figure 1.**

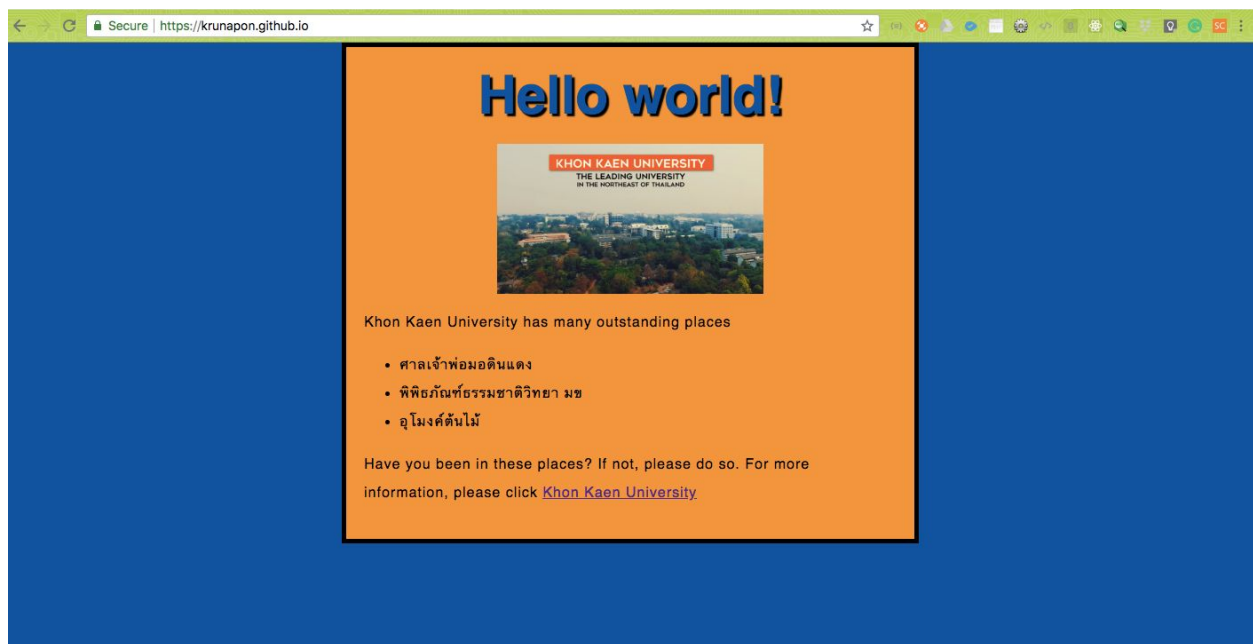


Figure 1: <https://krunapon.github.io/>

To be able to publish the web page at github.io, you may want to follow the steps as shown in Figure 2.

```
macair:test-site krunapon$ echo "# krunapon.github.io" >> README.md
macair:test-site krunapon$ git init
Initialized empty Git repository in /Users/krunapon/Dropbox/Sites/web-projects/test-site/.git/
macair:test-site krunapon$ git add README.md
macair:test-site krunapon$ git add .
macair:test-site krunapon$ git commit -m "first commit"
[master (root-commit) d778347] first commit
10 files changed, 125 insertions(+)
create mode 100644 README.md
create mode 100644 images/kku.jpg
create mode 100644 index.html
create mode 100644 index2.html
create mode 100644 kanda-example.html
create mode 100644 scripts/main.js
create mode 100644 styles/style.css
create mode 100644 styles/style1.css
create mode 100644 styles/style2.css
create mode 100644 styles/style3.css
macair:test-site krunapon$ git remote add origin https://github.com/krunapon/krunapon.github.io.git
macair:test-site krunapon$ git push -u origin master
Counting objects: 15, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (11/11), done.
Writing objects: 100% (15/15), 176.27 KiB | 14.69 MiB/s, done.
Total 15 (delta 3), reused 0 (delta 0)
remote: Resolving deltas: 100% (3/3), done.
To https://github.com/krunapon/krunapon.github.io.git
* [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

Figure 2: The steps to add files to the repository at github

For more information how to publish your site via GitHub Pages, please go to [https://developer.mozilla.org/en-US/docs/Learn/Getting\\_started\\_with\\_the\\_web/Publishing\\_your\\_website](https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/Publishing_your_website)

Please also check whether you write a valid HTML page by validating your web site at <https://validator.w3.org/> The expected result is as shown in Figure 3.

**Document checking completed. No errors or warnings to show.**

Used the HTML parser.

Total execution time 1133 milliseconds.

Figure 3: The expected document checking result

### Problem 1. Develop the website that describes about yourself (5 points)

- + your folder that corresponds to <your\_username>.github.io
  - + images (folder)
    - mypic.jpg (image file)
    - index.html (file)
  - + styles (folder)
    - style.css

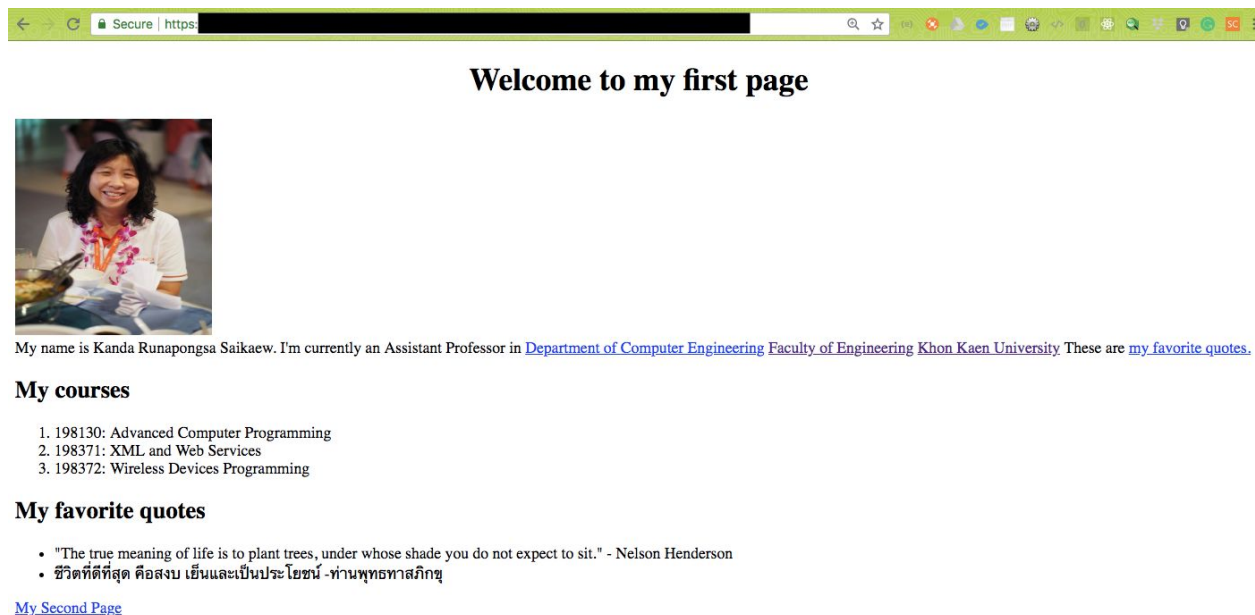


Figure 4: Sample my first page

My first page has these following requirements

1. Have a "Welcome to my first page" in header1 and centered
2. Show an image of yourself with width and height at least 200 but not more than 250
3. Write a paragraph "My name is <your name> I'm a student in [Department of Computer Engineering Faculty of Engineering Khon Kaen University](#)" You need to insert the links for the

department, the faculty, and the university. Note that when the users open the links for the faculty and the university, the clicked links are opened on the new tabs

4. Then continue with words “These are my favorite quotes. I’m currently taking these courses”  
When the user click link “my favorite quotes” (“these courses”), the cursor will go to the section “My favorite quotes” (“My courses”)
5. Have “My courses” in header2
6. Have an ordered list of course ID and course name for all courses that you are taking this semester.
7. Have “My favorite quotes” in header2
8. Have an unordered list of your favorite quotes. One in English and the other one in Thai
9. Have the link to the web page with the text “My Second Page” which will be described in Problem 2.

## Problem 2. Develop the website that describes about your book to read (5 points)

My second page describes a book that you want to read which you need to specify book title, book authors, book description, and other interesting information about the book. Sample my second page is as shown in Figure 5.

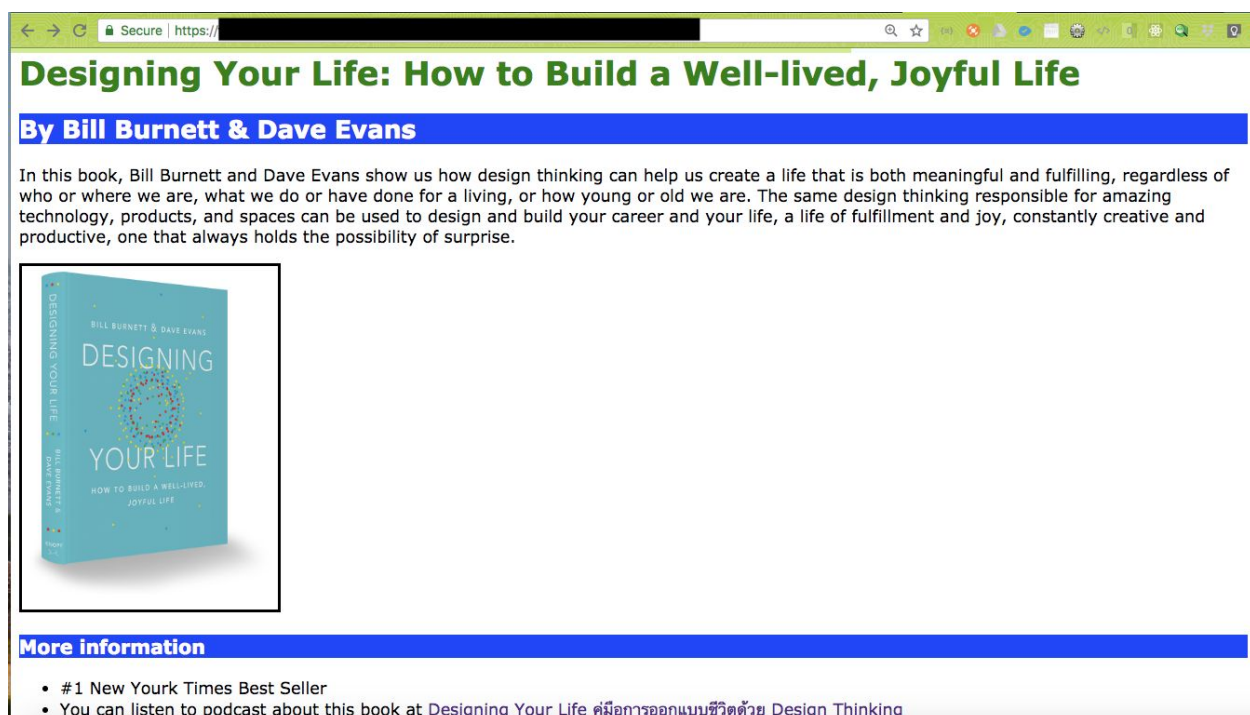


Figure 5: Sample my second page

- + your folder that corresponds to <your\_username>.github.io
- + images (folder)

mypic.jpg (image file)  
**mybook.jpg (image file)**  
index.html (file)  
**mysecondpage.html (file)**  
+ styles (folder)  
style.css  
**style2.css**

My second page has these following requirements

1. Have web page title as "A book to read"
2. Have header 1 with the content as the title of the book that you want to read
3. Have header 2 with the content as "By <book authors>"
4. Have paragraph that describes about the book.
5. Have the picture of the book cover
6. Have header 3 with the content as "More information"
7. Have an unordered list about interesting information about the book.
8. One of items in an unordered list needs to include a reference to a link about the book that has the text in Thai
9. Use font family as Verdena
10. Specify the body width as 1200px
11. Have header 1 color in green
12. Have header 2 and header 3 with background in blue and text color in white. Note that you need to use multiple selectors. In other words, you should use the same rule set for both header 2 and header 3.
13. An image needs to be surrounded with a border that has the thickness as 3 px in black and solid style. The image has the padding as 5px