Homework 3: HTML and CSS Exercise

1. Objectives

- Become familiar with HTML and CSS technologies
- Learn how to imitate a web page

2. Description

You should be able to compose documents directly in HTML and CSS. This is very helpful as it is often necessary to modify existing documents. Also, when writing server-side scripts one must generate HTML.

- In this assignment you are given an image of a web page. Your task is to reproduce the page as closely as possible, writing HTML and CSS directly, that is **without using anything more than a text editor**. Snapshots of the web page to be imitated, for 3 browsers can be found following these links:

Chrome: here.
Safari: here.
Firefox: here.

- **Important Note**: use of CSS is required

- You will need five (5) images to help you complete the web page: bg.png, facebook.png, avatar.gif, sm-logo.gif and twitter.png.

- Please note that if you view the images of the sample web page in a browser, some browsers will automatically resize the image to fit within the browser window.

- The page contains a menu at the top and three active links within the text. In the top menu there are four (4) active links labeled "home", "portfolio", "blog", and "contact". There are three (3) links in the section named "blogroll", and two (2) links in the section named "social", for a total of 9 links.

- On the page you are going to build, the active links should be made to point to the same page, say X.html at your website. The page X.html should be divided into nine parts, each separated by a horizontal line. Each part will begin with a paragraph tag that looks like this

    <p id="Home">
  This is the start of X.html which corresponds to the "Home" link.

- You are to construct the nine (9) links so that when a person clicks on a link, (e.g. they click on "Home") the page X.html is displayed and the section of X.html that has the corresponding name as the name of the link, is placed at the top, (i.e. the page scrolls up).

- To test your hw#3, please view your web page using Firefox. Resize your browser window to the same size as the PNG image and then see if you have used the correct font, color and size, and if the position of text is correct.

- Important Note: The www-scf.usc.edu web server automatically places a message at the bottom of every HTML page. The message begins with "USC does not screen or control the content . . . "Due to this appended message, the HTML will get misaligned. To avoid this message, you can add a <noscript> tag immediately in front of the </body> tag or click on the Announcements page to see more suggestions.

- A video link is provided that will show the expected functionality, especially the behavior to be implemented in CSS.

3. Submission

You are required to submit your source code electronically to the csci571 account so that it can be graded and compared to all other student's code via the MOSS code comparison tool. To submit your file electronically, enter the following command from your UNIX prompt:

```
$ submit -user csci571 -tag hw3 file1.html file2.html
style.css
```

You must link **this homework to your class homework page** so that the graders can go to your website and grade your homework.