



Mobile Web Assignment

This assignment will be done in pairs of two students, same as the last assignment because this is a continuation of Assignment #1.

The purpose of this assignment is intended to familiarize you with:

- HTML5
- and Mobile Web apps that are generally lightweight and simplified

Requirements

- We will continue with the Chinese Zodiac theme for Assignment #2. Whereas Assignment #1 targeted desktop web clients, Assignment #2 will target both desktop and mobile web clients. You will retain the same directory structure as in Assignment #1.
- You are allowed to use a CSS framework such as Bootstrap, if you so desire. This would certainly save you a lot of work.
- Some artifacts that are not useful in a mobile environment can be made hidden in mobile devices and visible on desktop devices. For example, if you decide that a specific banner is not useful in the mobile context, then only show it on your desktop version and hide it on the mobile version of your website.
- Needless to say, you will need to tweak web pages developed in Assignment #1 that targeted desktop computers.
- Your solution will be tested by resizing the web page from a desktop width to a standard smart phone width.
- The overall functionality of the Assignment #1 site should not, in any way, be diminished in assignment #2. In other words, any capability on the desktop version of the website should be equally available on the mobile version of the site.
- Use the new HTML5 semantic elements like *header*, *section*, *article*, *nav*, *aside*, and *footer*.
- Validate your web pages at <http://validator.w3.org> for HTML5 compliance.

Submission

- 1) The folder that contains your entire website must be named *LastName1_LastName2*. Example: Jones_Baker for students Ann Jones & Tom Baker.
- 2) Include a *readme.txt* file in the root of your web site. The *readme.txt* file must include the following information:
 - Your names, student numbers, set and email addresses
 - What you have completed

- What you have not completed
 - Any major challenges
- 3) Your submission consists of a ZIP file named: "*StudentId(1)_StudentId(2)_set_assign02.zip*". (example: *A00123123_A00234234_1B_assign02.zip*). Any other file compression standard like .rar, .7z, etc... will not be accepted. Only the .zip standard is accepted.
 - 4) Each team must make only one submission. If you make more than one submission then you should use the same file name and clearly version the file by adding _v2, _v3, etc..
 - 5) Your ZIP file will include all directories and files comprising your entire website. This includes all images, html, and CSS style files.
 - 6) Submit your ZIP file into your lab's D2L dropbox folder for Assignment #2.

COMP1536 Assignment 2 marking guide:

Name 1: _____

Set _____

Name 2: _____

Task	Max Mark	Actual Mark
Web site suitability for both desktop and mobile devices <ul style="list-style-type: none"> • lightweight imagery targeting mobile devices • solution adjusted for portrait/landscape device rotation 	7	
Requirements fulfilled <ul style="list-style-type: none"> • Assignment-1 functionality carried forward into Assignment-2 • readme.txt file included • proper submission file name 	4	
Best practices <ul style="list-style-type: none"> • external style sheet • relative addressing • every page has a title • images and CSS in dedicated folders • home page is index.html 	2	
HTML5 <ul style="list-style-type: none"> • Conformance to HTML5 standards • Appropriate use of HTML5 semantic tags 	2	
TOTAL:	15	