In EVERY file submitted (except graphics files) you MUST place the following information near the top of the page – use JavaScript or HTML comments depending on the file type. JavaScript comments are // (single line) or /* */ (multi-line) HTML comments use `<!-- This is a comment. -->`   **CSS files use only multi-line /* */ comments.**

> Your Full Name
> CIS 114 OL
> File Name
> Chapter #
> Assignment #
> Date

Your full name must ALSO appear in the title bar when HTML files are displayed in the browser. Use the \<title\> element in the document head to do this. 1 point will be deducted for each file missing any of the above information.

1. **In chapter 5 modify the membership.js file according to the last two bulleted items on page 168. Make sure that the membership.html program works correctly. Maintain separate folders for the js and css files.**

2. **Write a program zodiac.html that gets the user's birth month and year and determines the Chinese zodiac sign. Create a separate JavaScript file zodiac.js. Use the membership program in chapter 5 as an example. Maintain separate folders for the js and css files, as well as an images directory for image files. Rename the CSS file zodiac.css. Download the zip file containing the images from WebAccess.**

   The Chinese zodiac has twelve signs that correspond to twelve animals. To determine the sign (animal) you will use the remainder after dividing the year by 12 (use the % operator). You must use a switch statement with cases 0-11 (plus a default case). Each case will determine the sign based on the remainder value. The program will display an image file and the name of the sign.   As the Chinese New Year is determined by the lunation cycle, we will assume that January would be the sign of the previous year and that the New Year begins in February (otherwise the program becomes much more difficult).
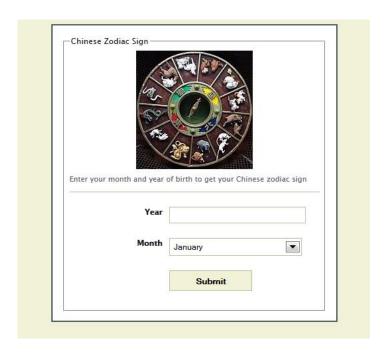   **http://en.wikipedia.org/wiki/Chinese_zodiac**
   http://www.chinesezodiac.com/calculator.php

   Create a function findSign that determines and displays the sign and image file.

   To display the image file you must first create an img element.
   https://developer.mozilla.org/en-US/docs/HTML/Element/Img

When the sign is determined then update the src attribute of the img element to display the corresponding image file:

    document.getElementById('image').src = "pathToImageFiles/imageFile.jpg";

For a more challenging problem, you could also display the characteristics of the zodiac sign. In addition, anyone with CSS skills can improve upon the design.

SUBMIT: Place the two HTML files as well as the js, css and images folders in a folder named assign2. Then zip the assign2 folder into a single file named assign2.zip and upload it to WebAccess. Make sure that you include ALL FILES. You should try unzipping your zip file to ensure that all files were correctly included.

An easy way to zip in Windows is to right-click on your file and then choose
Send To-> Compressed (zipped) Folder

On a Mac follow these instructions to zip your files:
http://www.macinstruct.com/node/159

Upload the assign2.zip file to the upload link in WebAccess by the due date/time.
http://smccd.mrooms.net