Assignment 7: Intro to jQuery
INFO/CS 1300
Fall 2016

Overall Goals:

For this assignment, you will demonstrate proficiency in basic jQuery concepts that extend what you learned about Javascript in the previous assignment. You will be given a template site, and asked to modify the site such that it adopts the functionality described below. The objective of this assignment is to familiarize yourself with aspects of jQuery interactivity in a practical context.

Tasks:
- Implement the Hide Me link in the footer so that it hides the entire "footer" element.
- For the car image on the page:
    - On the click of the car, animate (move) the car across the page in 1sec.
- For the ghost image on the page:
    - If the ghost is hidden, on the click of some text, fade in the ghost image over 3 seconds (3000ms).
    - If the ghost is shown, on the click of some text, fade out the ghost image over 3 seconds (3000ms).
- This website was clearly made for Spring, not Fall. Notice the theme links on the nav bar. Make it so that when we click on "Fall theme", it makes the background colors orange / fall-themed, and reverts to the original Spring (green) theme when you click on the "Spring theme" link.
    - Hint: Try using jQuery's .css method.

Deliverables:

- Your completed template site with the above functionality, uploaded into an /assignment07 folder.

Due Date: Tuesday, October 25th at 5 p.m.

General Assignment Policies:

- You are free to go beyond assignment requirements, but make sure that your extra work does not interfere with those requirements. For example, adding an extra script that creates invalid HTML5 code will result in a lower grade.
- Late work will be penalized 10% per day, including holidays and weekends.

- Assume all assigned file and directory names should be used with the correct case. E.g., if the assigned file name is "index.html", "Index.html" is not acceptable.
- *All* media files must be credited in an HTML comment adjacent to the img or other media tag *every* time they are used. The credit must include a <u>specific</u> URL for the media file.
  - Failure to do this will result in the following penalties:
    - 25% deduction the first time.
    - 50% deduction the second time.
    - 100% deduction the third time, with possible referral for violation of Cornell's Code of Academic Integrity.
  - Note: this includes media generated by an API, e.g., an icon generated by the Facebook API.
  - Note: individual assignments may require additional credit for media files.
  - If you create a media file yourself, credit yourself by name, not by a general statement like, "I made this."
- If any of the assignment files, directory names, or variable names include one or more spaces, there will be a 5% deduction.
- The presence of unneeded files in an assignment directory that make it difficult to grade your work may result in a 5% penalty.
- You are free to find and adapt code from sources that *allow you to use the code*, but you must provide credit for the code, including a <u>specific</u> URL or citation for the source.
  - You may not use large blocks of unmodified code and receive full credit for the assignment. If you have any doubt about your use of borrowed code, you should consult with a TA or me.