CS 1100: Web Development: Client-Side Coding / Fall 2016
Assignment 9: Exploring jQuery

Due: Monday, December 5, 2016, by 11:59 p.m.

Description

For this assignment, you will practice using jQuery. Your task:
a) Create a web page with any content (you may use an existing web page). Add any styles you like.
b) Implement a variety of features and visual effects using jQuery code. Specifically, your code should:

Requirement 1. Have **5 <u>different</u> instances of jQuery visual effects.** You should use at least 3 different methods (fadeIn, fadeOut, etc...), but I encourage you to experiment with more than 3 (there are so many, and if you know how to use one, you know how to use most - so explore!)

Each instance starts with making a new selection. For example, this counts as *one* instance:
```
//hides the selection
$("p").hide();
```

This also counts as *one* instance (i.e., selections inside an event handler do not count):
```
/*fades-in a selection, and then proceeds with another effect applied to another
selection */
$("p").fadeIn( function() {
    $("some-other-selection").hide();
});
```

Requirement 2. Handle at least **3 <u>different</u> events** (you should use the jQuery *.on* method).

Requirement 3. Modify an attribute of one or more elements

Requirement 4. Modify the text and/or HTML content of one or more elements

Requirement 5. Have 3 <u>different</u> instances of the *.animate* method, that animates <u>different</u> CSS properties.

All code **<u>should be written by you</u>**. You will be expected to understand it and be able to explain it.

Submit your work

Save your work as a zip file (html, css, any images, and your JavaScript file)
Submit your **hw9.zip** file to eLearning.

Grading

This assignment is worth **35 points** (which accounts for approximately **2.7% of your grade**).
1. Your code is placed within $(function() { /* your code */ }); **(6 points)**
2. Requirement 1 **(10 points)**
3. Requirement 2 **(9 points)**
4. Requirement 3 **(2 points)**
5. Requirement 4 **(2 points)**
6. Requirement 5 **(6 points)**