

CS 337 – Spring 2014

Midterm-Practice

===== Time =====

Normal time allowed: 75 minutes

-10 points if received after 6:45; -20 points if received after 6:55; -40 points if received after 7:05;
-20 points for every 10 minutes after that.

===== Setup =====

You are allowed to use an editor (any editor) and a browser (any browser).

You are NOT allowed to browse to any site other than the page you are working on. And no, you are not allowed to visit any validation site.

You will NOT communicate with anyone inside or outside of class.

You may use notes.

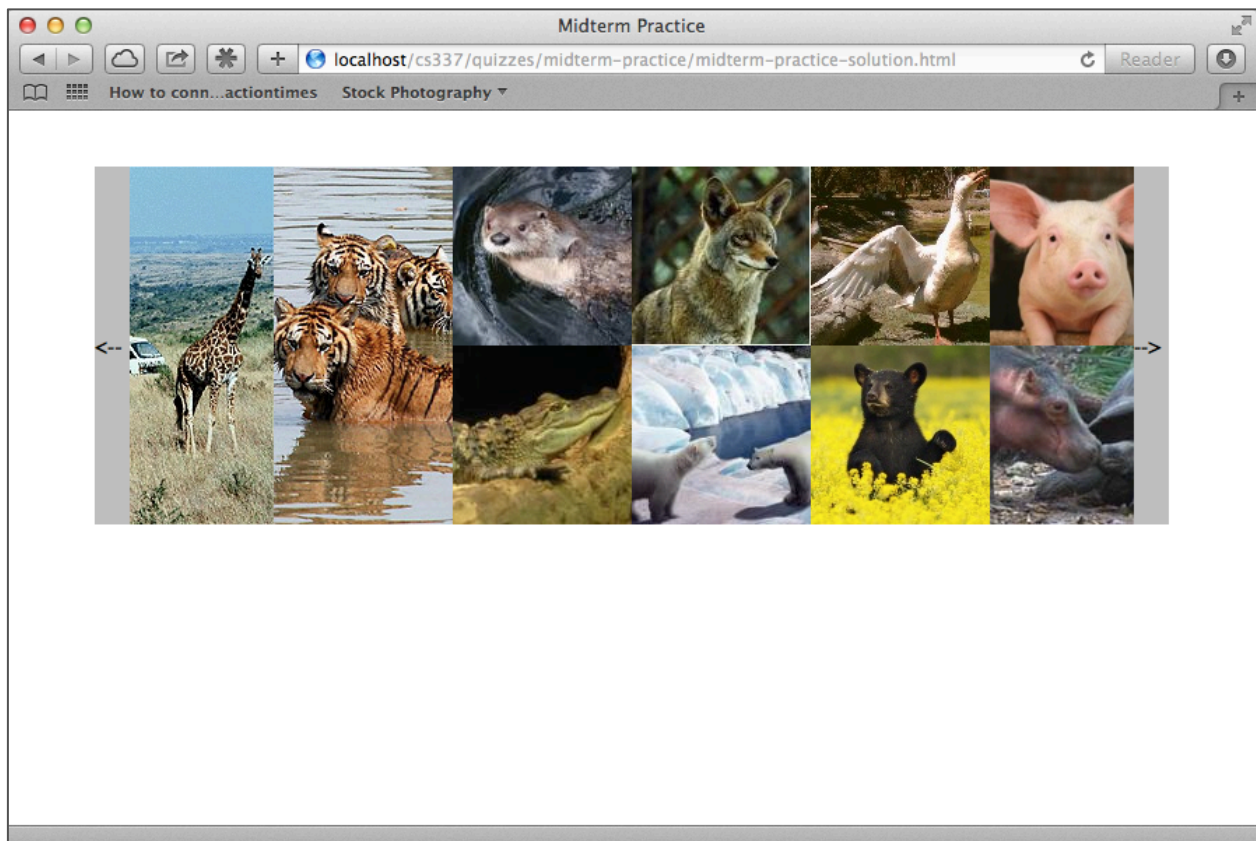
You may use your own laptop.

==== Instructions =====

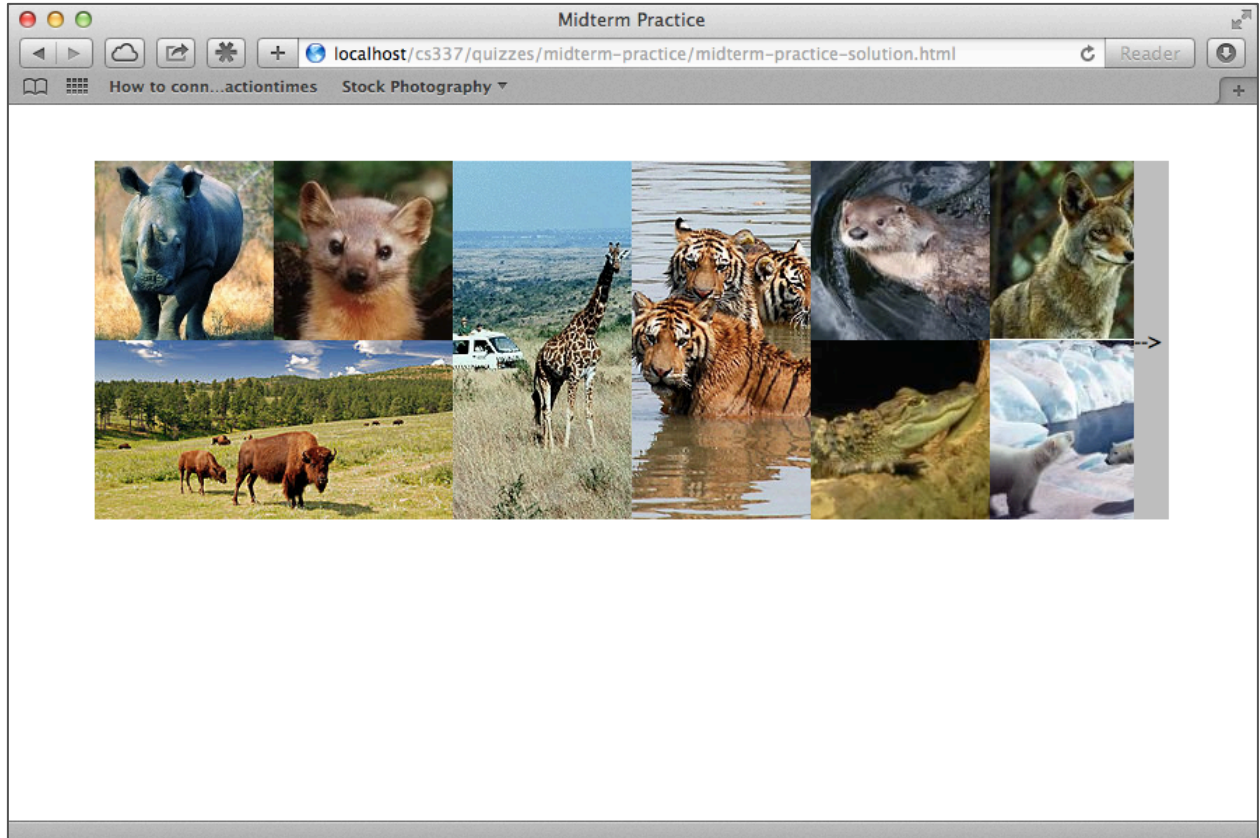
Download the zip file Midterm-Practice from Canvas. The file contains, an HTML file, thirty-three images, a JS file, a CSS file, and jQuery. You will need to edit the HTML file, the JS file, and the CSS file in order to receive full credit.

In the images folder, there are graphics of thirty-three animals. All of the images are either: 128px by 128px, 128px by 256px, 256px by 128px, or 256px by 256px.

The website that you will complete will look like the following:



When you click on the silver buttons with the arrows on the left and right of the images, all of the images should move to display more images in that direction. For example, if I click to the left, I will see the animals that are to the left of the giraffe (see the next illustration below). Also, when I reach the end of the bar of animal images, the silver button on that side of the animals should disappear without showing any extra space. The button should reappear when I hit the other button.



===== Tasks =====

1. (HTML) Make the page valid HTML5 that includes all of the elements that we talked about should go into an HTML document.
2. (JS) Add functionality to `loadImages()` to append all of the images to `.backdrop`. Don't try to read the files in the folder, just hardcode the fact that there are 33. Hint: the naming convention is sequential.
3. (CSS) Make the two buttons the height of the banner of animals. Also position them so that they overlap the animals 25 pixels so that they are right on the edge of each side. Also make it so that the arrow is in the middle of the button. Hint: You will likely have to add to the CSS of `#wrapper`.
4. (JS) Modify `move()` to move the animal banner left and right when the appropriate button is clicked. Also show and hide the buttons when appropriate. Hint: `css()` returns a string.

===== Turn in =====

Submit a zipped file of your work on Canvas.