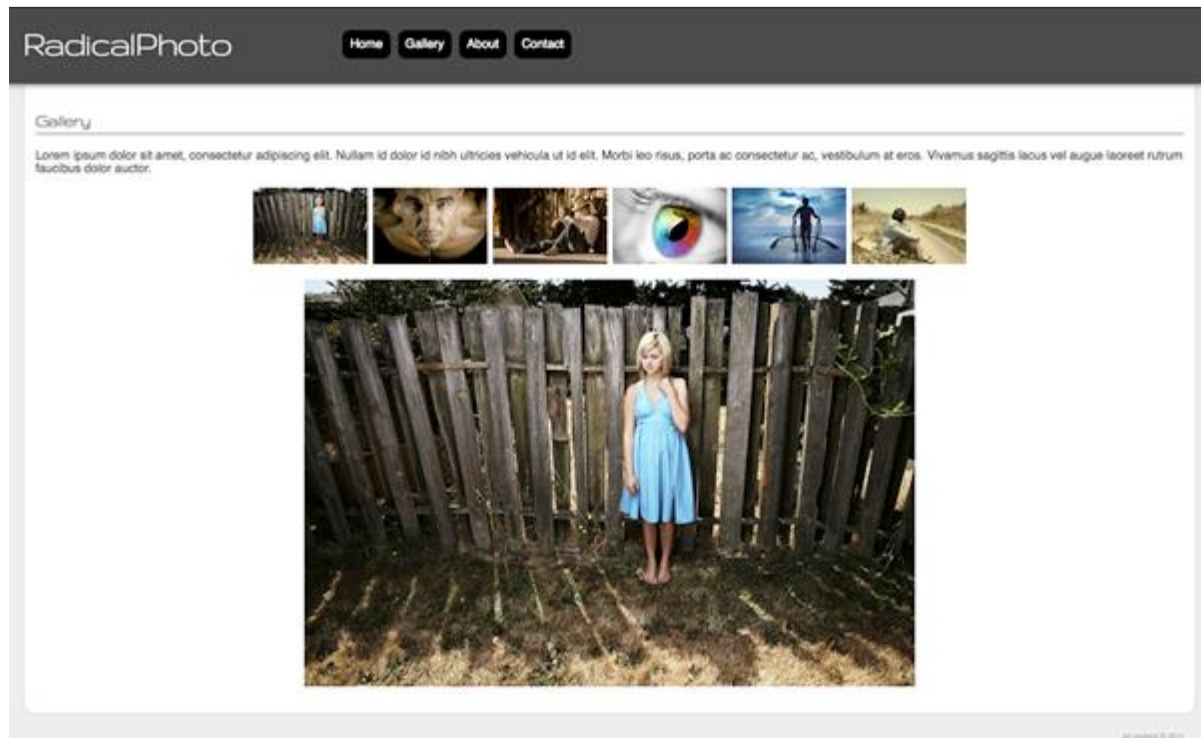


WWW105 Javascript Homework 2

RadicalPhoto jQuery

Due: April 4th at 9am

Worth: 50% of your grade for this unit (WWW105)



You have been contracted by the award winning photography studio RadicalPhoto, to enhance their existing website. The site itself, including all HTML, CSS and images have been made available to you.

They have a maximum budget of \$1000 (for the purposes of this homework, every \$10 is worth 1% of your grade - earning the full \$1000 means getting 100%).

You are allowed *and encouraged* to alter any of the HTML/CSS as you see fit, including adding id's or classes to the code, however they will take \$20 off your payment for *every* error the w3c validator reports, on *every* page and CSS file. If you want to leave an error in there, you can, but you must leave a code comment beside the offending line explaining why. Making informed choices that sometimes break the rules is just part of being a webmaster. There are existing validation errors in their pages, these must also be fixed.

They want the site's behavior to be written in jQuery. So you must include the library and code using jQuery conventions.

Any use of existing code that you did not write yourself will also result in no pay. Their requests are as follows:

On the **homepage** (index.html) they want the alligator image to be replaced with a slideshow. In the image folder, you have 4 pictures with the 'slider_' prefix. They want those images to be included in the slider. They want it to be centered, have the slides loop and have the slider autoplay. You can use any jQuery plugin you are comfortable with. (\$100)

On the **gallery** (gallery.html) they like how clicking on any thumbnail links to the full image, but they don't want it to open in a new page, get the image to open in a lightbox. You can use any plugin you are comfortable with. They would also like to see it so that when any thumbnail is rolled over, the big picture changes to match to the image of the thumb (\$300). If the script you write will allow them to add another list item and continue to work, they'll offer an additional \$100. In other words, if they can arbitrarily add into the list

```
<li><a href="images/cat.jpg"></a></li>
```

and the page continues to work. *RadicalPhoto understands that this may be a difficult request. Please gauge your time appropriately.*

On the **about** page: Each of the team is listed on the page. Clicking any team member should load their div#content (**image AND bio**) into div#bio below it. This must be accomplished using the .load() function. Please see the Conan example done in class. Additionally, they want a slideDown or FadeIn effect when the image and bio appear (\$200).

On the **contact** page (contact.html) the form should require that every field is not blank before it submits. They do not like the browser messages that appear when the 'required' attribute is used, and you'll need to write your own solution with javascript (please do not use the required attribute, or type='email'). If a field is left blank, the user should get a message instructing them that all fields are required (\$250) and the form should NOT be submitted. They'll offer an additional \$50 if the warning message can be displayed beside the specific field that wasn't filled out. Please remember that if 3 fields were blank, and then a user fills in 2 of them, the one that is filled in shouldn't warn them anymore.