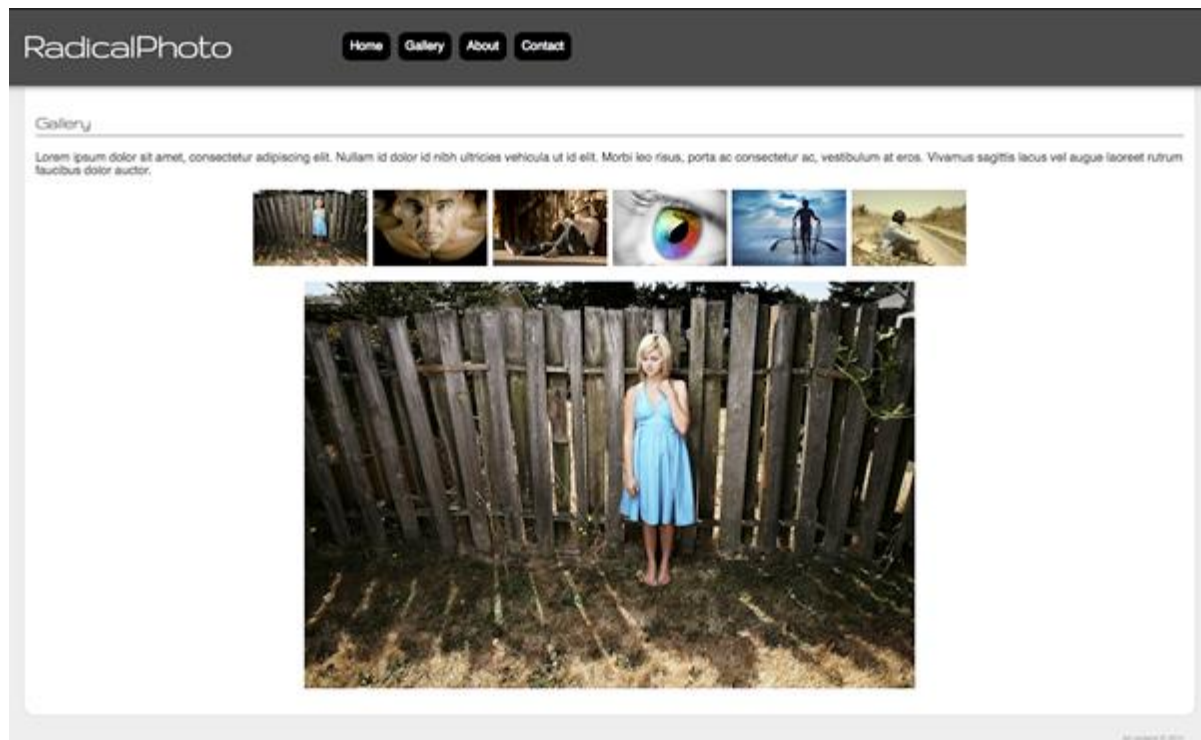WWW105 Javascript Homework 1

RadicalPhoto

Due: December 3rd at 9am it must be available on you **GitHub Account**.
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 are unsure about using a javascript framework, and thus any use of jQuery
or any other javascript framework will result in them not paying

you (no grades). 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 text "Award Winning Photography" to change to "Capturing Nature" and double in size after 2.5 seconds ($100). When the text changes, the black background box that currently holds the text and photo should change to a green that matches the photo ($100). The background changes, not the text colour. Feel free to play with other visual changes.

On the **gallery** (gallery.html) they like how clicking on any thumbnail links to the full image, and don't want that changed, however they'd 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

<img src="images/cat_thumb.jpg">

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

On the **about** page: RadicalPhoto will be expanding into the world of video production in a few weeks, and they will be announcing it shortly, so on the about page (about.html) they have the message "Today is July 17, 2015. Stay tuned, we have exciting news about our company coming in a few more weeks!". They want this message to appear timely, so they are offering $50 to use Javascript to keep the date current (ie: javascript updates the month, day and year dynamically). It should keep the same format "Monthname day number, year". Each of the team is listed below that. Rolling over any team member should load their image into div#bio below it ($50).

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.

Hint: To see if a form is filled out, read its "value" attribute.

```
if (document.getElementById("field").value == "") {
// do something
}
```