Module 06 - Images Assignment

Due   Nov 2 by 11:59pm   **Points**   10   **Submitting**   a file upload

Available   Aug 3 at 12am - Nov 2 at 11:59pm 3 months
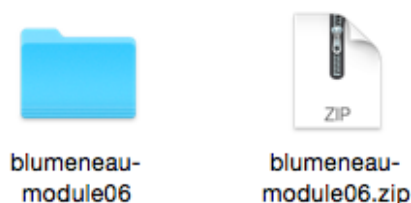

Assignment: Images!

Objective:

By the end of this unit, you should be able to

- locate Creative Commons or properly licensed images for a web project

- perform basic optimization of images for optimal size for use on the web

- write code that meets accessibility mandates for images

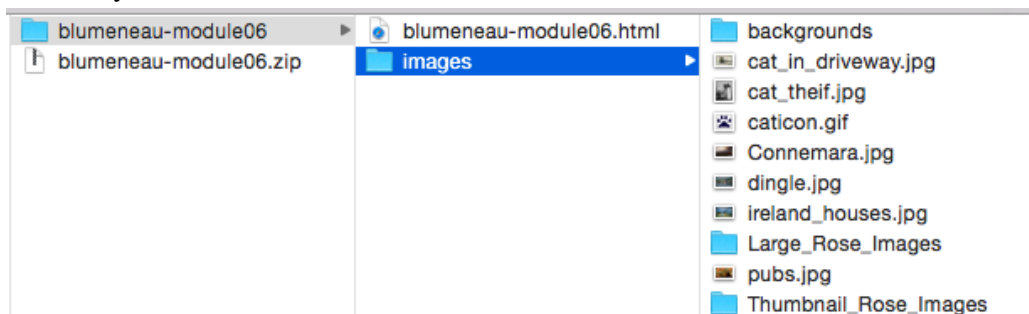- write code that meets and passes W3C Validation standards

What you will do:

1. **Create a folder** for this assignment. Name this folder: YourlLastName-module06-images.
   You will create a folder within this folder called *images* (keep the names lower-case letters)

2. **Get some images (at least three of a topic of your choice**!) and put into a folder called **"images"**. You can use your own images, find properly licensed images on the web or the ones in the instructor provided **images folder**.
   - If using your own images, be sure to **optimize/resize** so that they are under 100kb
   - If you use images from the Web, be sure to check license for reuse and check size. Resize (keep under 100kb) if necessary.
   - **Be sure to cite where you got your images.** This can be done either in the footer of your web page (remember we have a tag for this!). Place at the bottom of page: "Images were obtained from...." or, in the code via a comment tag.
   - Remember, no spaces in your file names!

3. **Create a new .html file** and insert at minimum three images into a web page.
   - Save this file as **yourlastname-module06.html**
   - Be sure to include good **alt** content (imagine telling someone what the image is on the telephone).

4. As always, make sure to keep a **<title>** that is good for search engines/bookmarking, write meta tags that have good **descriptions (lots of** keywords and key phrases *relative* to your content. That means if your images are all about cats doing silly things, than your title and your meta tag for the description will talk about "We have some photos of the silly things cats do. Does your cat do this? [list silly things cats do...]" or something like that. In other words, do not write "Assignment 6, images; inserting images for assignment 6".)

5. **Validate** your code per the W3C standards:
   Use this validator for the HTML5 doctype:
   https://validator.w3.org/nu/ ↗ **(https://validator.w3.org/nu/)** (check all the boxes for source, outline and image report).

6. When you submit this assignment, you zip your folder so you an submit all files as a "package"!
   - **Windows, Right-click the folder, go to Send To > Compressed (zipped) folder").**
   - **Mac**: Right-click on the folder and choose "**Compress**".

   blumeneau-
   module06

   blumeneau-
   module06.zip

   What my files should look like in the Column view on a Mac Finder window:

This will create a .zip file and this is the file you will submit to me.

NOTE:

Use the **HTML5 doctype and meta tag** for this exercise. That does mean you will not apply any *deprecated* attributes (there are a few deprecated attribute in this module, which I only showcase so you are aware of what they are and what they did, so you can recognize old code from what is currently acceptable. In other words, you shouldn't use these attributes!

The HTML code here is exactly the same whether we use HTML 4.01 Transitional/Strict, XHTML 1.0 Transitional/Strict or HTML5 minus those deprecated attributes!

What to Submit:

- Check Rubric (see below) to ensure you have met all the criteria.

- Submit your **.zip folder here!**

HTML Images

Criteria	Ratings	Pts
Validated HTML code (no errors or warnings)		2.0 pts
Images display on the browser window. Image file size is under 100kb; minimum of three images, cited and licensed for reuse.		3.0 pts
Content for alt attribute describes the image and/or function clearly and effectively		3.0 pts
Content for title and meta description are appropriate for the content of the page; application of other elements such as headings, paragraphs are well placed for semantic and structural integrity		2.0 pts
		Total Points: 10.0