**Assignment: Build a Webpage Exercise, Part 4**

In this assignment you will be learning how to apply palette colors to web pages, how to display images in a gallery, and how to apply font colors to HTML elements.

**Repository and Resource Links:**

* HTML img: <https://www.w3schools.com/tags/tag_img.asp>
* Figure caption: <https://www.w3schools.com/tags/tag_figcaption.asp>
* RGBA: <https://www.w3schools.com/cssref/func_rgba.asp>
* CSS Grids: <https://www.w3schools.com/css/css_grid.asp>

**Assignment Details:**

**1. Assignment Instructions**

* ~~Create a new folder under your local csd-340 folder (repository)  and name it module-4~~
  + ~~Create a new HTML document and name it LastName\_Mod4\_2.html, add your name and assignment number (documentation), and add it to your module-4 directory~~
    - ~~All HTML code will go in this file~~
  + ~~Create a new CSS document and name it LastName\_Mod4\_2.css, and add it to your module-4 directory~~
    - ~~All CSS styling will go in this file~~
  + ~~Create a new folder and name it “images” and add it to your module-4 directory~~
  + ~~Find or create an image of three(3) book covers from your list from last week. Save the images in your "images" folder.~~
  + ~~Add a link in the index.html file to the HTML file~~
    - ~~Hint: refer back to assignment 3.2 if you are confused about what this item is referencing~~
  + ~~Contents of LastName\_Mod4\_2.html~~
    - ~~Create an empty HTML document (follow the code we used in Module 3)~~
    - ~~Give the HTML document a title of “CSD 340 Web Development with HTML and CSS”~~
      * ~~This will be placed in the head/title element~~
    - ~~Add a link to LastName\_Mod4\_2.css file in the HTML documents element~~
    - ~~Add a main div to the body of the HTML document with an id of “container”~~
    - Main div
      * ~~Add an h1 tag and give it a text value of “Assignment 4.2: Build a Web Page Exercise - Part 4”~~
        + ~~Center the text on the page~~
      * ~~On a new line add a new div and give it an id of “image-gallery”~~
      * ~~Inside the image-gallery div add three side-by-side divs using CSS grids (see the resources section for assistance).  Each of these divs will contain a title, image, and captions.~~
    - ~~3 side-by-side divs~~
      * ~~Inside each div add an h3 element with a description of the image you are using in that div~~
      * ~~Under each div add a figure tag and inside the figure tag add one of the downloaded images (one figure per div, one image per figure)~~
      * ~~Underneath each figure add a figure caption with the author's name using the format: (author: <insert author name here>)~~
      * ~~Underneath the picture gallery, add a link back to the landing/portal page in the same position as 3.3.~~
  + Contents of LastName\_Mod4\_2.css
    - ~~Apply a CSS grid with three columns for the 3 side-by-side divs (see the above resources section for help/assistance)~~
    - ~~Give the image-gallery div a margin-top of 10%~~
    - ~~Center the h1 text~~
    - ~~Center the h3 text (title for each of the image gallery items)~~
    - ~~Apply text-align center to the figure tag  (this will basically center the image in the div)~~
    - ~~Apply a font style of italic to the figcaption text and set the font-size to .75em~~
    - ~~Using rgba, add a different color to the h1, h3, and figcaption tags.~~**~~optional~~**~~.~~

**2. Browser Output Examples**  
  
A group of books on a white background

AI-generated content may be incorrect.

**3. GitHub**

* Stage, commit, and push your work to GitHub.
  + Click on the following link for instructions: [GitHub Stage, Commit, and Push.pdf](https://cyberactive.bellevue.edu/bbcswebdav/xid-101703982_4) [Click for more options](https://cyberactive.bellevue.edu/webapps/blackboard/content/listContent.jsp?course_id=_534131_1&content_id=_16476435_1&mode=reset#contextMenu)

**4. Deliverables**

* URL to your repositories GitHub pages website
* module-4 packaged as a .zip file

**Assignment Requirements and Grading:**

1. This assignment is due by **Sunday, 11:59 p.m., CST**.
2. Submit your assignment by clicking on the **Assignment Link** above, then scroll down to the **Attach Files** section and click on **Browse My Computer**. Select your assignment file, add any links or comments as appropriate, and then click on **Submit**.
3. To view the grading rubric for this assignment, click on the following link: [Programming Grading Rubric](https://content.bellevue.edu/cst/csd/rubricprogrammingv2.pdf).

**(50 points)**