# Assignment 7.2 – Build a Web Page – Part 4

Instructions

* Create a new folder under your web-200 directory and name it week-7
* Create a new  HTML document and name it yourlastname\_EX4.html
  + All HTML code will go in this file
* Create a new CSS document and name it yourlastname\_EX4.css
  + All CSS styling will go in this file
* Create a new folder and name it “images” and add it to your week-7 directory
* Visit https://unsplash.com/ and search for three of your favorite images.  Download them and add them to your image’s directory.  Make sure you write down the author(s), because you will need this in a later step.
* yourlastname\_EX4.html
  + Create an empty HTML document (follow the code we used in Assignment 2.3)
  + Give the HTML document a title of “WEB 200 Fundamentals of Web Development”
    - This will be placed in the head/title element
  + Add a link to yourlastname\_EX4.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 7.2: 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 authors name using the format: (author: <insert author name here>)
* yourlastname\_EX4.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
  + Give the img tag a width of 400px and a height of 350px
  + 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)
  + Use Oswald font stack (refer to Assignment 6.2) for the h1, h3, and figure captions.  Set the font-weight to 400
    - Hint: use Google fonts and select 300, 400, 500, and 700
  + Apply a font style of italic to the figcaption text and set the font-size to .75em
  + Using rgba, add the second color in the palette (247, 112, 24) color to the background of the entire page.  Make the opacity of the background 20 percent (note: the entire pages background color should be one color).
  + Using rgba, add the fourth color (185, 63, 8) to the h1, h3, and figcaption tags.
  + Add a solid border to each of the side by side divs using the fourth color (185, 63, 8) and give it a border radius of 15px
  + Apply 5px padding to each of the side by side divs

Hints

* For the side by side divs use a CSS class and name them gallery-item
* Apply the border and padding to the gallery-item CSS class
* Add a CSS class gallery-title for each of the side-by-side divs.
* Apply styling to the gallery-title for text alignment, font-family, and weight
* Apply the height and weight to the HTML img tag in the CSS file

Note: if you get stuck or run into issues, the courses GitHub repository has a working solution to compare your code against mine.  But, remember, this should only be used as a last resort.  To get the most out of these exercises, you will need to attempt/work through the issues on your own.

Final Solution Visual

