Assignment 05: Advanced CSS

Web Development I
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Points: 15
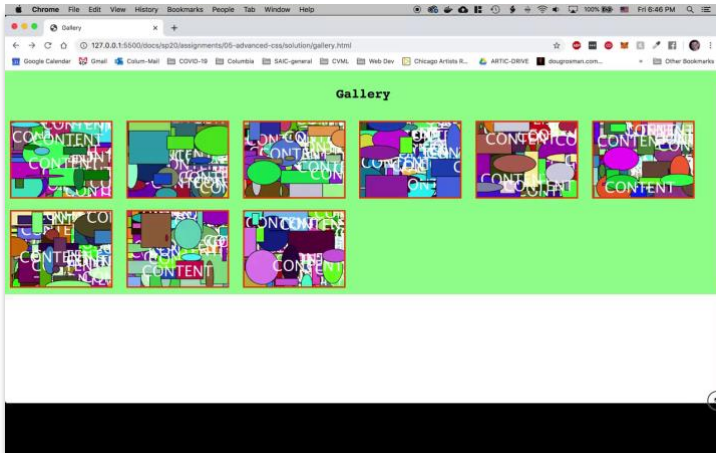
Summary:

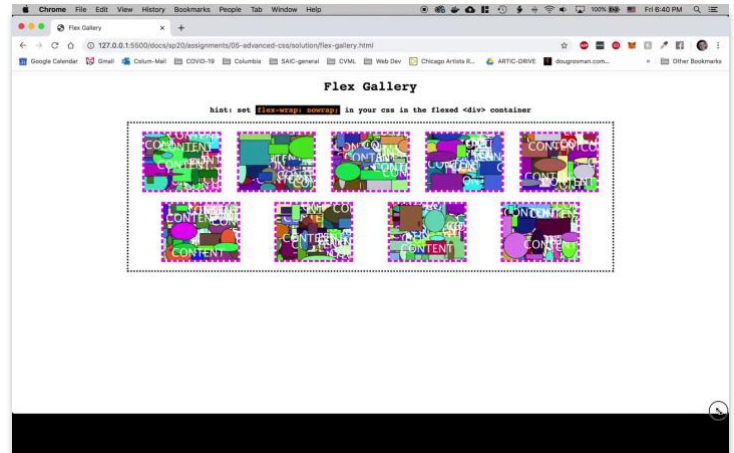Recreate six web pages using different advanced CSS properties including flexbox, transitions and animations.

Guidelines:

1. **Create a folder called 05-advanced-css in your assignments folder in your portfolio website**
2. **Inside that folder, create the following folders, *html files* and *css files*:**
   a. *gallery.html* (create an image gallery using <img> tags)
   b. *flex-gallery.html* (create a gallery using <img> tags inside a div container with flexbox)
   c. *flex-menu.html* (create a responsive <nav> menu using flex)
   d. *smartphone.html* (create a responsive "phone" with rows of apps using flexbox)
   e. *loading-bar.html* (create your interpretation of a loading bar using css animations)
   f. *petting-zoo.html* (create multiple objects with looping animations)
   g. **css**
      i. gallery.css
      ii. flex-gallery.css
      iii. flex-menu.css
      iv. smartphone.css
      v. loading-bar.css
      vi. petting-zoo.css
   h. **images** (put images in this folder you plan to use in any of your web pages. You can drag and drop images directly into this folder in VS Code)
3. **Do your best to recreate the screen captures below. Feel free to use whatever images, colors or styles you'd like. Your web pages don't have to function exactly like the animated examples. (click each image to be brought to a page to see them animating)**
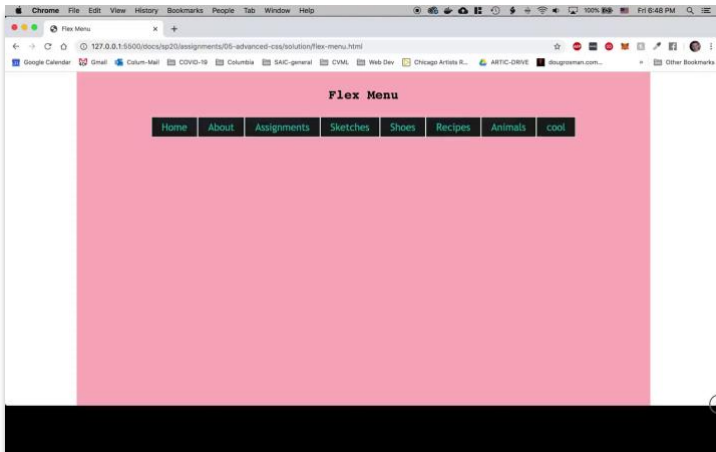4. **Make sure to link to all these pages on your assignments page so that I can look at them.**

Click on an image to load a video of it moving. Your page doesn't have to replicate. exactly what is shown in the videos
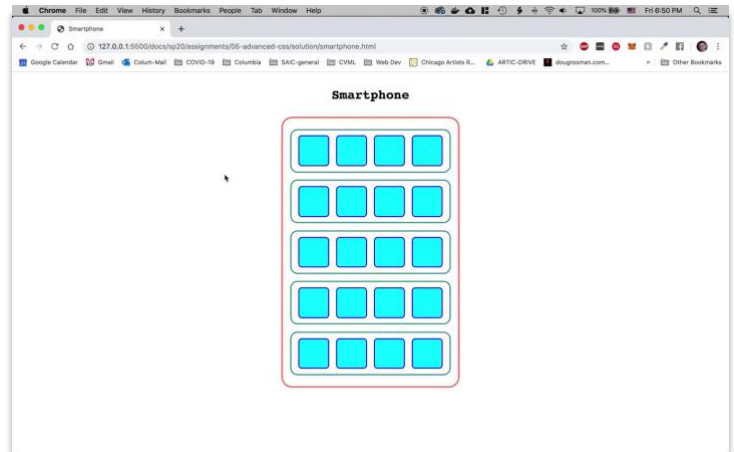

gallery.html: images should wrap as the page is resized. **Hint:** put <img> tags inside of a single <div>
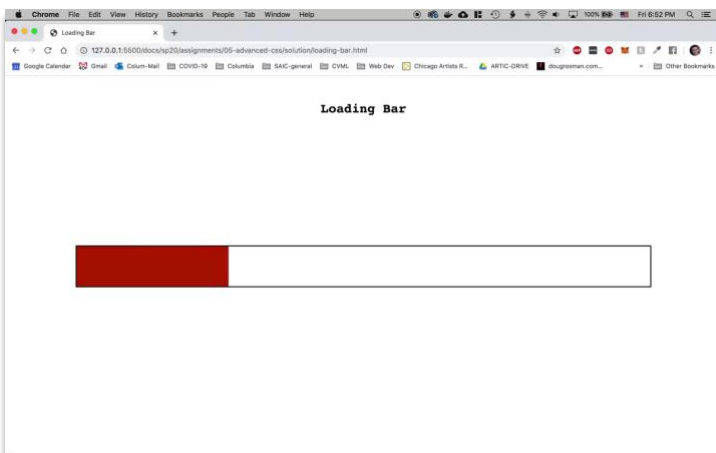

flex-gallery.html: images should wrap and be spaced evenly in a <div>. **Hint:** The <div> that holds the <img> tags should be flexed, and flex-wrap set to nowrap.

flex-menu.html: menu items should wrap as the screen is resized **Hint:** use a <nav> section to contain your links (which should be <a> tags)

smartphone.html: a "smartphone" that contains multiple rows of icons. **Hint:** the outer <div> container should be flexed in column mode.

loading-bar.html: use css animations to create your interpretation of a loading bar (it can look and behave however you want! **Hint:** set animation-fill-mode to *forwards* so your animation finishes without resetting

petting-zoo.html: create 3 or more objects (images, divs, text, etc.) that animate in different sequences on a loop **Hint:** you can use the same animation keyframes, just change how long each of the three animations takes to make it look like 3 different animations!
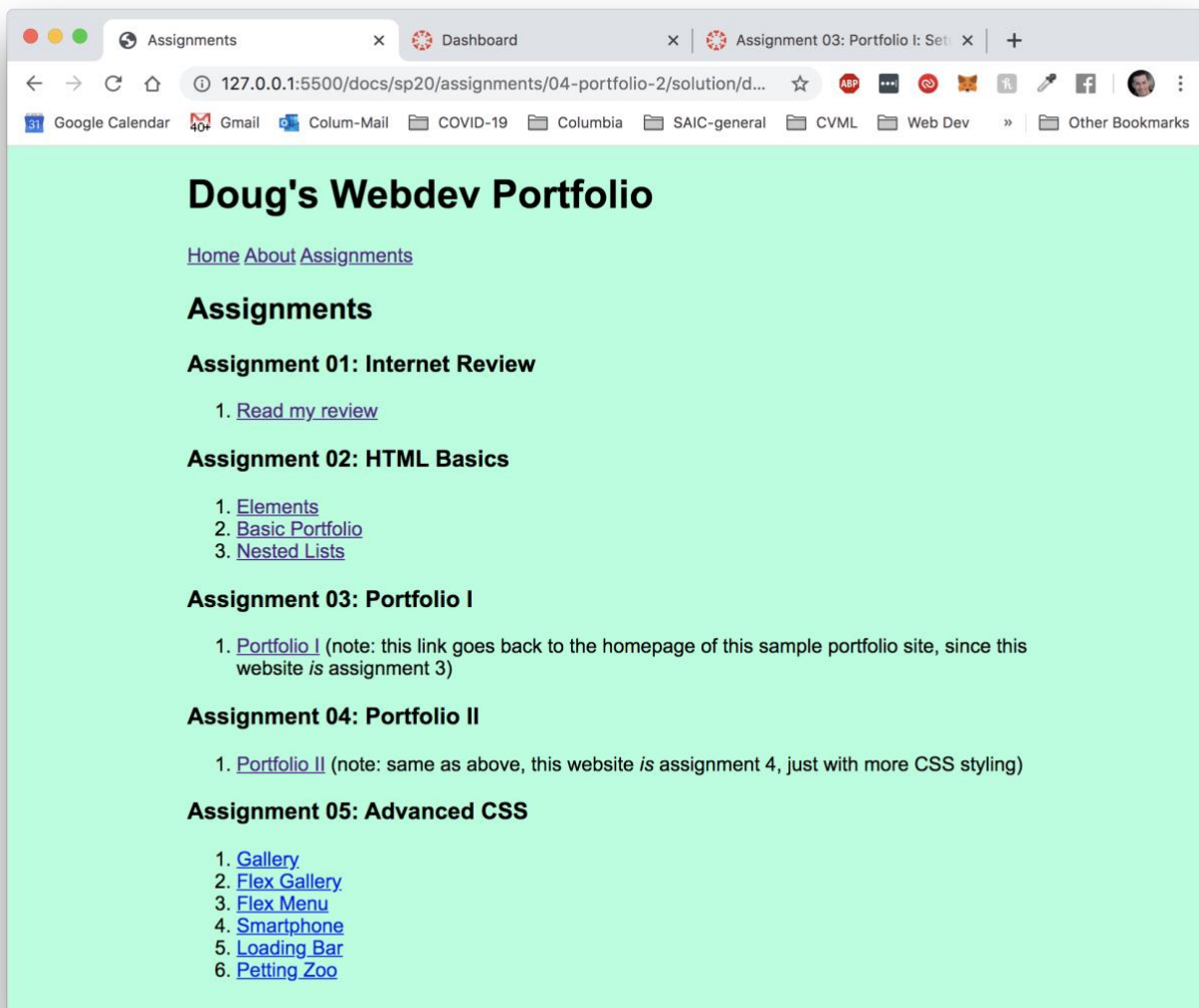
How to submit:

Commit and Push your changes to GitHub using the GitHub Desktop app and paste the link to your <u>assignments</u> page in Assignment 05 in Canvas. Make sure the link you post is the link to the website, **NOT** the link to your Live Server version hosted locally:

- **http://127.0.0.1:5500/docs/assignments** (this is your localhost link. It's not accessible online, so **don't** share this to Canvas)
- **https://username.github.io/your-repo/assignments** (your assignments link should look something like this! Share this one to the Canvas assignment.)

How to receive full credit:

- The link you submit should take me to your **assignments** page. MAKE SURE TO TEST YOUR LINK BEFORE SUBMITTING.
- Your assignments page should have **6** new links for this assignment
- Each link should go to the correct page
- Your pages should look similar to the screen captures posted, but if they don't 100% accurately reflect the way my examples move, that's okay!
- Here's a screenshot of my assignments page:

Assignments Page

File Structure in VS Code