IST 363

# Lab 04

## This Lab Covers

* Tailwind

## Lab Corrections

1. If you didn’t get a perfect score on the SASS page in lab 3, make corrections and turn in your url for this part.

## warmup

You may not use artificial intelligence to answer the questions below.

1. 1. How do utility classes in Tailwind replace writing custom CSS styles?
      1. Allows you to write your styling directly into your html, can see all touches on one page
   2. What Tailwind utility classes would you use to center a div both vertically and horizontally?
      1. <div class="flex items-center justify-center>
      2. Flex applies a flex box layout
      3. Items-center vertically centers
      4. Justify-center horizontally centers
   3. How can you define a custom color in Tailwind (some investigation will be needed for this question)?
      1. Can use @theme to add custom colors under the –color-\* theme space (also found that you can use the extend property within theme to add custom colors)
      2. A screen shot of a computer code

         Description automatically generated
   4. How can you use Tailwind with CSS preprocessors like SCSS (some investigation will be needed for this question)?
      1. You can set up a SCSS page, and include @tailwind for its directives: base, components and utilities
      2. Use separate files for imports and actual CSS
      3. Ensure you have a postcss.config.js file, use a build tool (like PostCSS) to compile your SCSS file into a CSS file, then link the generated output.css file in your HTML

## SASS Page

1. Tailwind Page  
   You will be creating a news site home page. I’ve pasted the desktop and mobile view images below. You don’t have to make this look good at tablet size unless you want to. There’s a .zip file of the processed images up in Blackboard. Match my colors by using the Tailwind reference. My blue is an indigo. The large image and footer are a version of gray.

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## What to hand in

Note that if any URL doesn’t work for me, you will get a zero on this part. Ensure github.io is part of the URL in the address bar. If it’s not, you haven’t given me the correct link.

1. For the corrections hand in the URL of the corrected page.
2. For the review questions, paste your answers into the template provided in Blackboard.
3. For the Tailwind page, hand in the URL

Use the answer template!