**Sass Lab Assignment**

**Variables**

 Create a file called \_variables.scss

Define variables for the following:

* $large-font-size,
* $small-font-size,
* $bg-primary,
* $bg -secondary
* $large -margin.
* $small -margin.

**Mixins**

Create a set of Sass mixins to handle responsiveness for different device types by using multiple breakpoints and targeting specific device categories (mobile, laptop, desktop).

define the following mixins based on screen width

**isPhone**: Target devices with a width between 321px and 480px (e.g., mobile phones).

**isLaptop**: Target devices with a width between 769px and 1024px (e.g., laptops).

**isDesktop**: Target devices with a width of 1025px or larger (e.g., desktop computers).

**Separation**

 Break your Sass into partials (e.g., style.scss, \_mixins.scss, \_variables.scss).

**Loop**

 Use for **loop**  or **while** to dynamically generate classes for different font sizes (e.g., .fs-1, .fs-2, .fs-3).

Use the generated classes in your html page and main.scss file to apply font sizes throughout your project.

**Inherits**

define base classes that contain common styles. These base classes can be reused across your project to maintain consistency and avoid code duplication.

**Random**

write a Sass function to generate three random colors and apply them to create a gradient background for the <body> element. The gradient will change with each page load

\*bonus\* write a Sass function to generate three random colors from a set of specific colors representing the flags of Egypt, Syria, and Lebanon.