IST 363

# Lab 03 – Jaspreet Singh

## Lab Corrections

1. https://jsingh31-lab.github.io/IST363/week02/Lab02/lab02.html

## warmup

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

1. 1. Developer would choose SASS over plain CSS because it simplifies the process of creating a CSS page since it allows you to minimize repetitive code and make your styling pages have simpler and more sufficient code.
   2. Creating a variable called $su\_color: orange; is a variable that can be used to help create the webpage since this color is repeated throughout the page on its headers and backgrounds. Hence, using this variable would allow less repetitiveness in writing and make style sheet more sufficient.
   3. Nav {

Background-color: #fff;

Padding: 15px;

ul {

list-style: none;

display: flex;

li {margin-right: 15px;

a {color: $su\_color;font-weight: bold;

}

}

}

}

}

This is a helpful nesting because instead of having different CSS .nav code segments and sections in your CSS file you are nesting it all into one nav configuration hence reducing redundancies and allowing the code to be more streamline.

* 1. @mixin button-style($su\_color) {

Background-color: $su\_color;

Color: white;

Border-radius: 5px;

Text-decoration: none;

}

.button { @include button-style(#FFFFFF);}

This is helpful because it helps improve efficiency and consistency when styling the buttons as well as making it more readable and easier to understand since code isn’t being repeated and is able to be only written once by using the @include button-style command.

* 1. %buttton-style { padding: 10px 20px;

border-radius: 5px;

font-size: 16px;

text-decoration: none;

display: inline-block; }

.button-main { @extend %button-style;

background-color: #F76900;

color: white; }

This is useful because it maintains the same design for all the buttons on the syr.edu webpage so errors are minimized, and code is consistent all throughout while also making it more efficient since it requires less repetitive code.

## SASS Page

1. https://jsingh31-lab.github.io/IST363/week03/Lab03/lab03.html