

IST 363

LAB 03

LAB CORRECTIONS

1. <https://jiachenli011.github.io/ist363/lab02/lab02.html> 20/20

WARMUP

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

2.
 - a. Because compared to CSS code, it can be nested, and nesting can be used to simplify complex CSS structures. Mixin can also be used to avoid duplication of code. There is also inheritance, shared styles, and reduced redundancy.
 - b. I think school could use `$primary_color` or `$main-font` that fit for all color or text usage in the html
 - c.

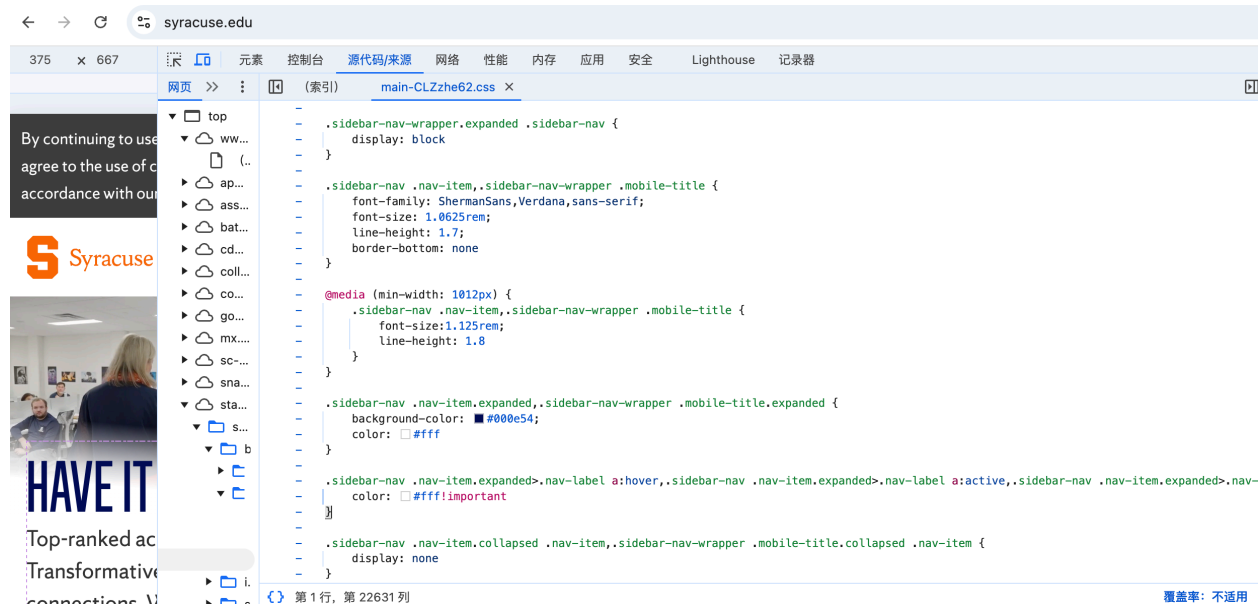
```
.navbar {  
  background-color: $primary_color;  
  
  ul {  
    list-style: none;  
    padding: 0;  
  
    li {  
      display: inline-block;  
      margin-right: 20px;  
  
      a {  
        text-decoration: none;  
        color: $secondary_color;  
  
        &:hover {  
          color: darken($secondary_color, 15%);  
          text-decoration: underline;  
        }  
      }  
    }  
  }  
}
```

Because the hierarchical structure under the nested `.navbar` is used here. It can reduce the repetition of writing `.navbar ul li a` and simplify the code

- [illegible]

- e. I think extensions can be used here, because bars are different sections but they essentially have many similarities, and different sections can be defined without

duplication.



SASS PAGE

3. <https://jiachenli011.github.io/ist363/lab03/>.