VSCODE EXTENSIONS

Better Comments - for better documentation

SCSS Everywhere - class/id autocompletion and the class/id occurence in a html file

SCSS Intellisense - suggests mixins, functions, and available variables and errors

Auto Rename Tag - rename tags together

BETTER COMMENTS GUIDE

Exclamation Mark ! - Important sections (e.g., required classes, crucial scripts)

Question Mark ? - Questions or guides about a certain code

Asterisk * - Notes or summaries about the code

Normal Comments - Minor details

TODO: – Incomplete work, planned additions or a pending feature

GITHUB COMMENTS

NOTE: When commiting code to Github Desktop add the corresponding prefix to the title and you can also combine them depending on the situation:

- Add
- Update
- Remove
- Fix

Add an appropriate short descripton about it

IMPORTANT NOTE: when pushing add your

FIRST AND LAST NAME

to the title to help with the individual documentation.

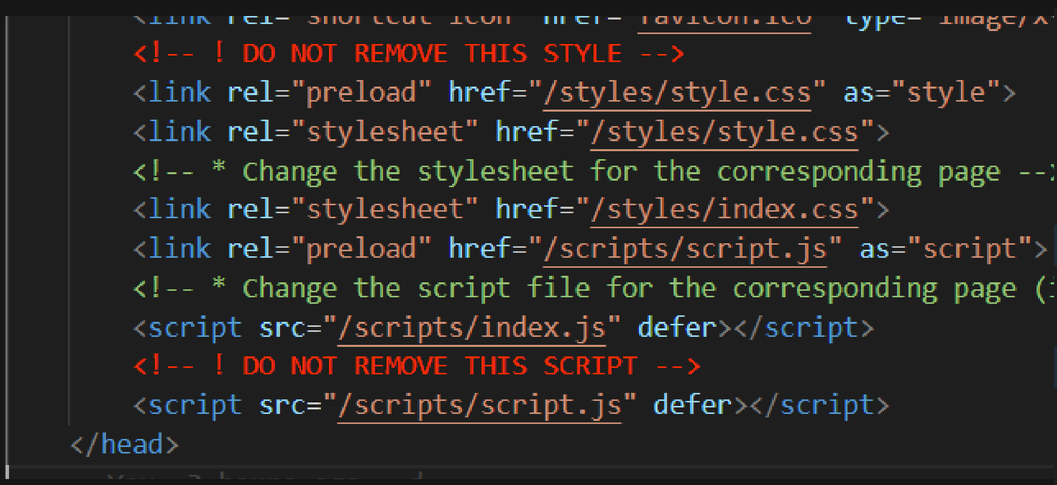
EXAMPLE:

Fix the navigation bar - Vian Rechel

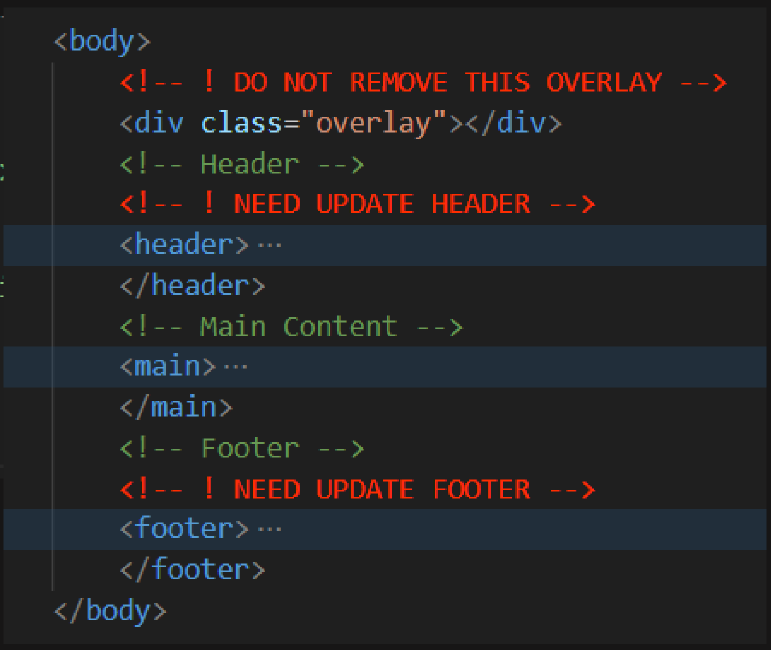
HTML GUIDE

In the **<head> tag** DO NOT remove the required styles and scripts and change the index stylesheets and scripts for the corresponding page

defer the scripts so it will only run after loading all the DOM elements properly



```
    <link rel="shortcut icon" href="favicon.ico" type="image/x
    <!-- ! DO NOT REMOVE THIS STYLE -->
    <link rel="preload" href="/styles/style.css" as="style">
    <link rel="stylesheet" href="/styles/style.css">
    <!-- * Change the stylesheet for the corresponding page --
    <link rel="stylesheet" href="/styles/index.css">
    <link rel="preload" href="/scripts/script.js" as="script">
    <!-- * Change the script file for the corresponding page (
    <script src="/scripts/index.js" defer></script>
    <!-- ! DO NOT REMOVE THIS SCRIPT -->
    <script src="/scripts/script.js" defer></script>
</head>
```



```
<body>
    <!-- ! DO NOT REMOVE THIS OVERLAY -->
    <div class="overlay"></div>
    <!-- Header -->
    <!-- ! NEED UPDATE HEADER -->
    <header>···
    </header>
    <!-- Main Content -->
    <main>···
    </main>
    <!-- Footer -->
    <!-- ! NEED UPDATE FOOTER -->
    <footer>···
    </footer>
</body>
```

NOTE: Set images that are not visible immediately to the user to **loading=lazy** INCLUDING iconify icons.

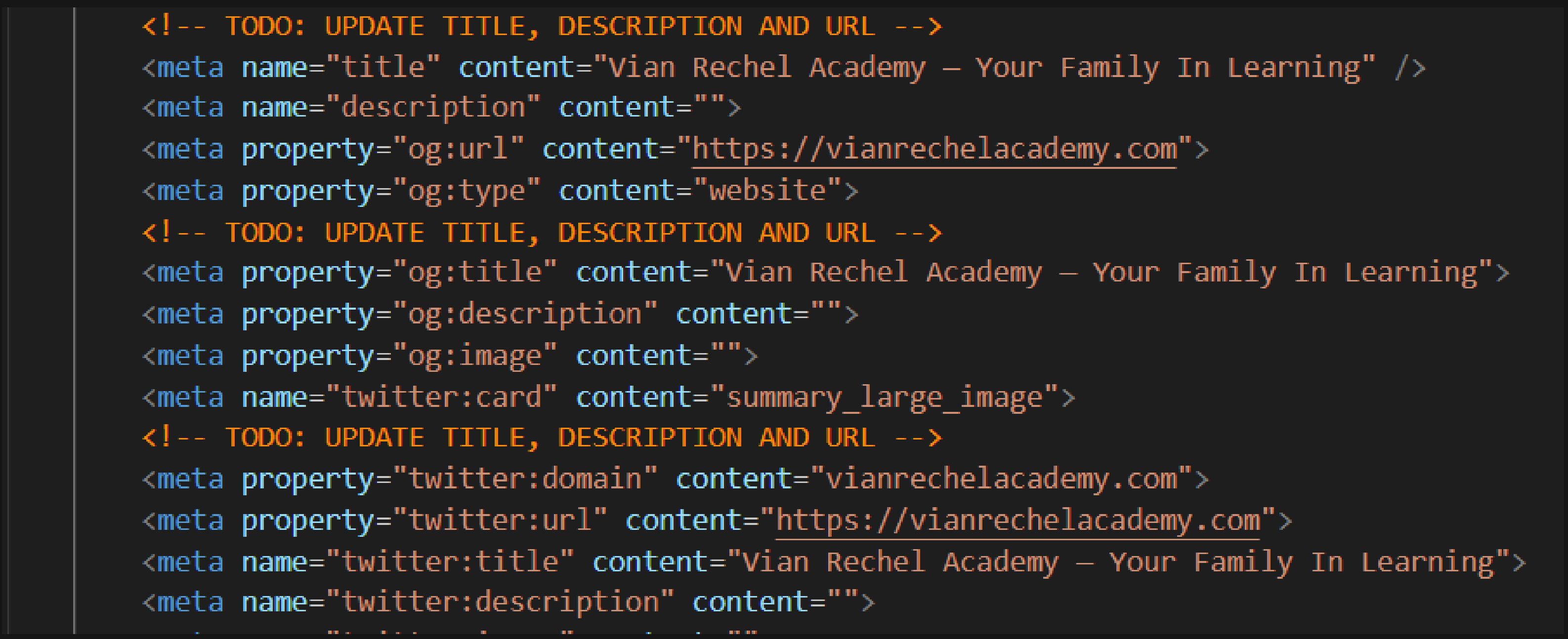
HTML GUIDE

For the meta tags just update the title, og:url, twitter:url and for the description its in this link:

https://drive.google.com/drive/folders/1RfM_BUYdkCYc4hRbAinktycDX96y2Yp0

Special Thanks to Yyan Flores

For the individual articles change the og:type content website to “article”



```html
<!-- TODO: UPDATE TITLE, DESCRIPTION AND URL -->
<meta name="title" content="Vian Rechel Academy – Your Family In Learning" />
<meta name="description" content="">
<meta property="og:url" content="https://vianrechelacademy.com">
<meta property="og:type" content="website">
<!-- TODO: UPDATE TITLE, DESCRIPTION AND URL -->
<meta property="og:title" content="Vian Rechel Academy – Your Family In Learning">
<meta property="og:description" content="">
<meta property="og:image" content="">
<meta name="twitter:card" content="summary_large_image">
<!-- TODO: UPDATE TITLE, DESCRIPTION AND URL -->
<meta property="twitter:domain" content="vianrechelacademy.com">
<meta property="twitter:url" content="https://vianrechelacademy.com">
<meta name="twitter:title" content="Vian Rechel Academy – Your Family In Learning">
<meta name="twitter:description" content="">
```

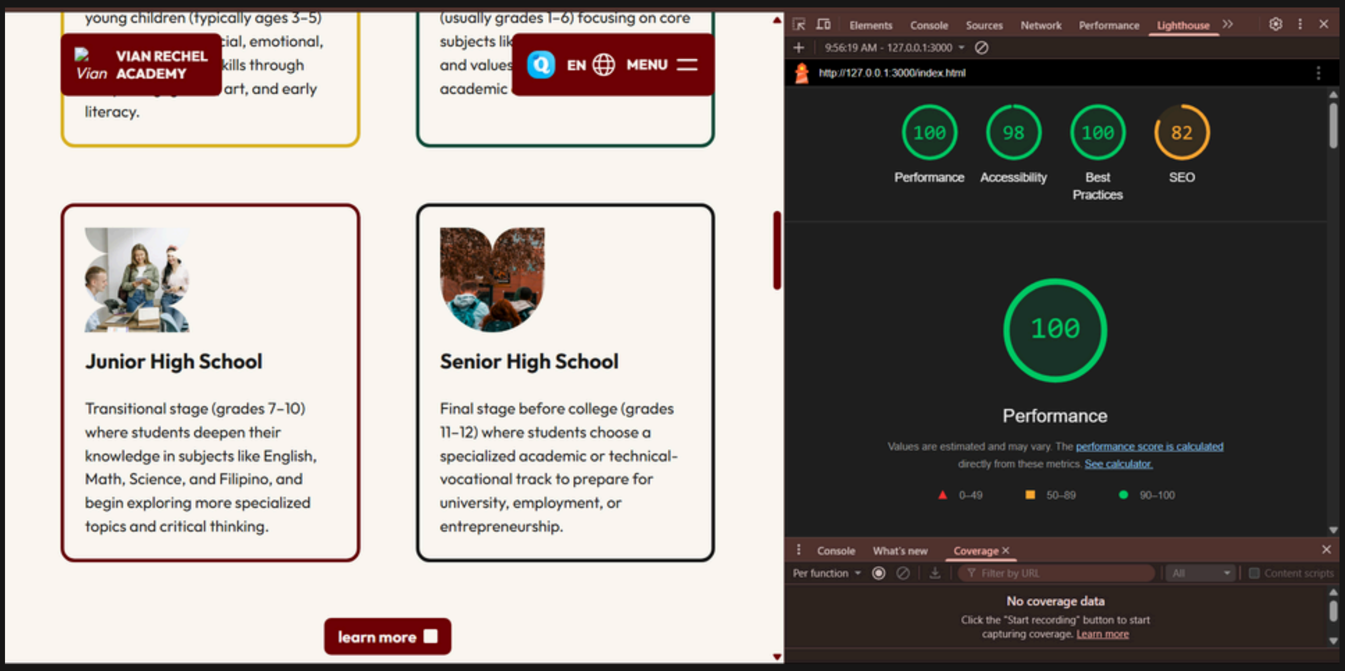
NOTE: The domain name is not final so reminder to update it in the final deliverable

HTML GUIDE

NOTE: Avoid unnecessary ***<div>*** tags as much as possible, try using semantics like for cards use ***<article>***, consider the markup/layout structure of the tags for the design in order to minimize the markup

Another thing, for example you have like a card that has a link to it try wrapping the cards in an link anchor tag so that users have a wider range to click on.

Lastly, I suggest you use **Lighthouse** so that you can check if the page has a good enough rating. It is not needed but better to check it out in the Dev Inspect Tools.



young children (typically ages 3–5) …cial, emotional, …kills through …art, and early literacy.

(usually grades 1–6) focusing on core subjects lik… and values… academic…

Junior High School

Transitional stage (grades 7–10) where students deepen their knowledge in subjects like English, Math, Science, and Filipino, and begin exploring more specialized topics and critical thinking.

Senior High School

Final stage before college (grades 11–12) where students choose a specialized academic or technical-vocational track to prepare for university, employment, or entrepreneurship.

9:56:19 AM - 127.0.0.1:3000

http://127.0.0.1:3000/index.html

Performance	Accessibility	Best Practices	SEO
100	98	100	82

100

Performance

Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.

▲ 0–49 ■ 50–89 ● 90–100

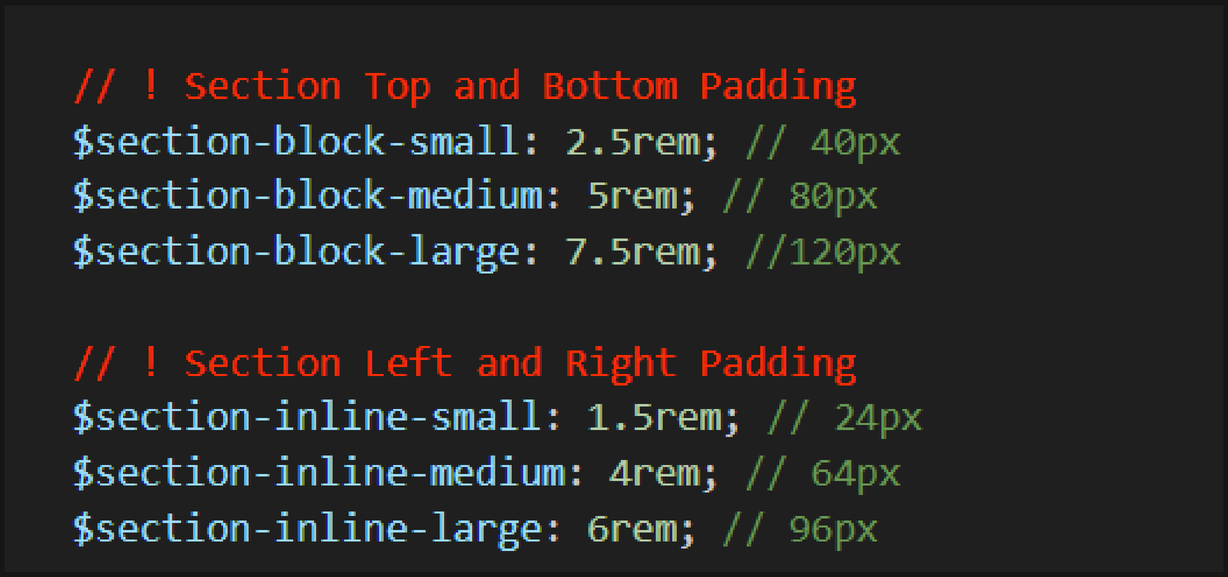
No coverage data

Click the "Start recording" button to start capturing coverage. Learn more

SCSS GUIDE

NOTE: For the scss variables you don’t need to use them when creating like cards or having a specific width for the image, BUT use the variables as much as possible for organization and consistency of the development process.

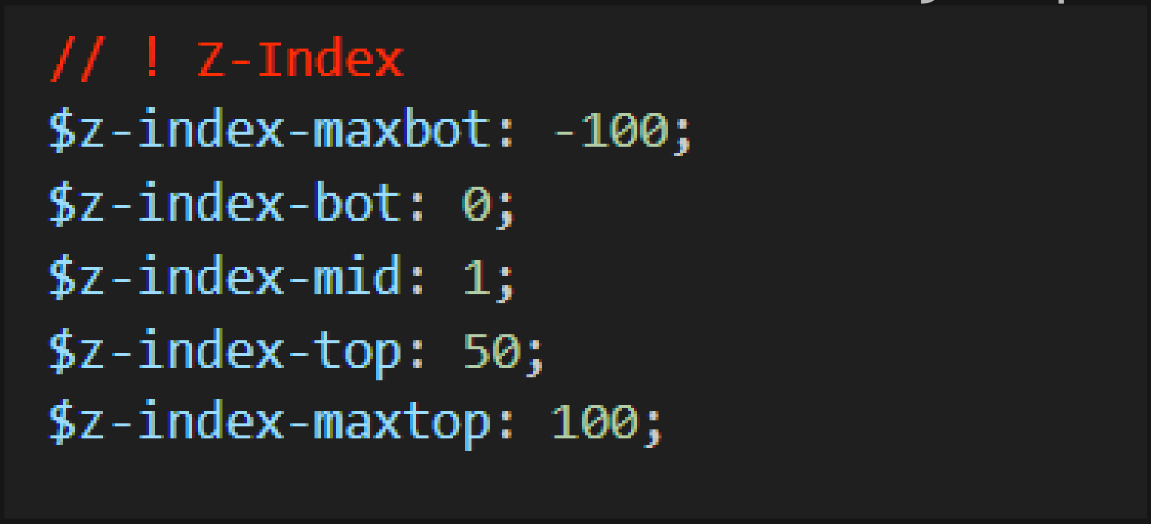
Used for the .width-wrap’s padding and margin



```scss
// ! Section Top and Bottom Padding
$section-block-small: 2.5rem; // 40px
$section-block-medium: 5rem; // 80px
$section-block-large: 7.5rem; //120px

// ! Section Left and Right Padding
$section-inline-small: 1.5rem; // 24px
$section-inline-medium: 4rem; // 64px
$section-inline-large: 6rem; // 96px
```

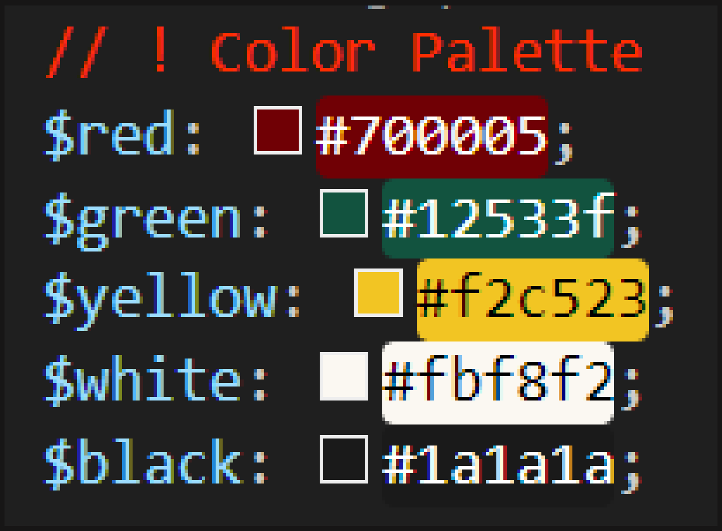
Used for the element’s layer position



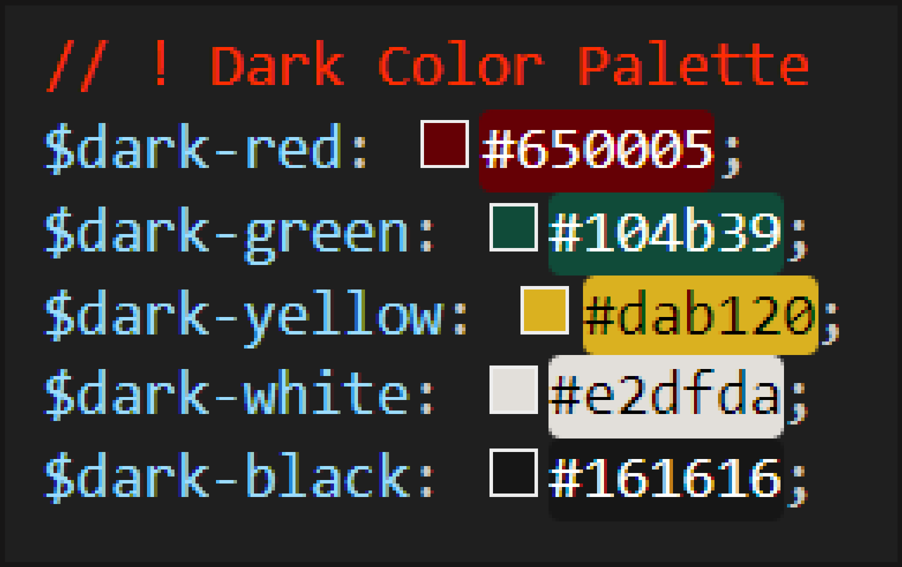
```scss
// ! Z-Index
$z-index-maxbot: -100;
$z-index-bot: 0;
$z-index-mid: 1;
$z-index-top: 50;
$z-index-maxtop: 100;
```

SCSS GUIDE

Used for the .width-wrap's padding and margin

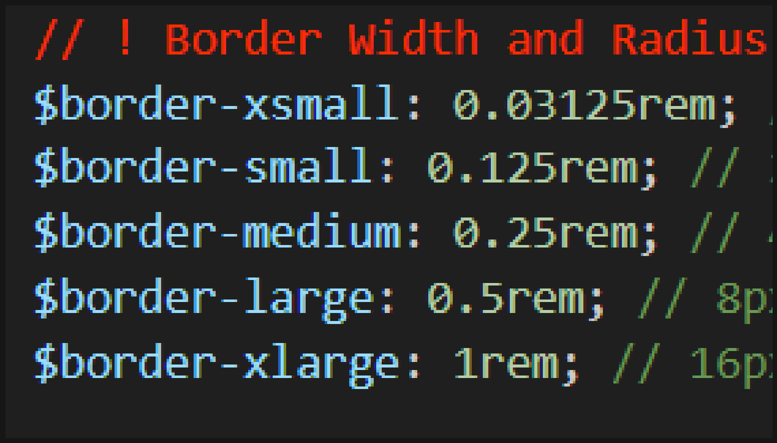


```
// ! Color Palette
$red: 🟥 #700005;
$green: 🟩 #12533f;
$yellow: 🟨 #f2c523;
$white: ⬜ #fbf8f2;
$black: ⬛ #1a1a1a;
```



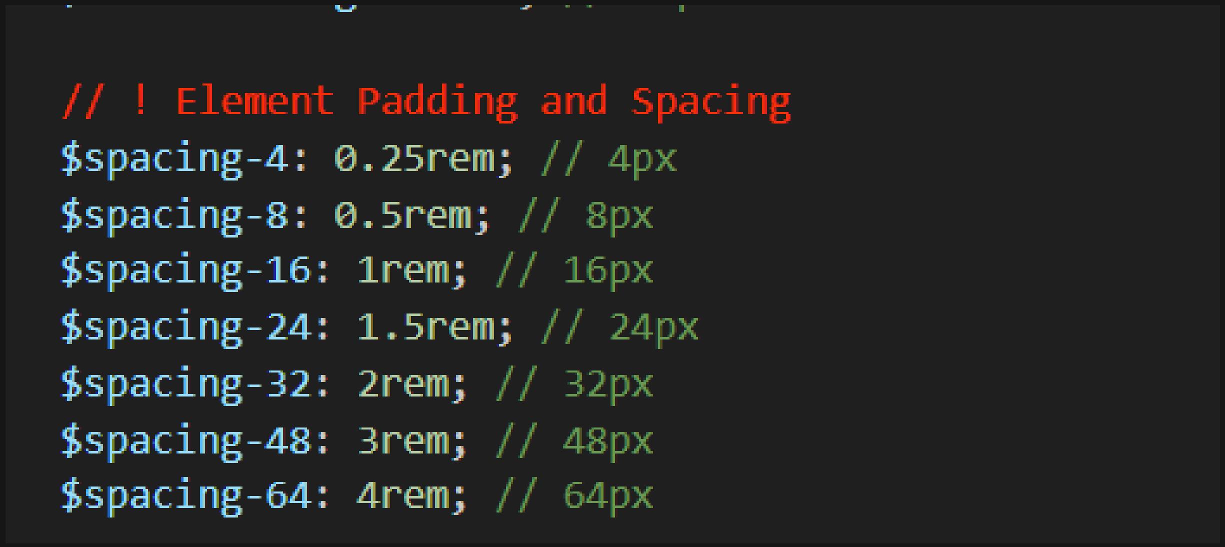
```
// ! Dark Color Palette
$dark-red: 🟥 #650005;
$dark-green: 🟩 #104b39;
$dark-yellow: 🟨 #dab120;
$dark-white: ⬜ #e2dfda;
$dark-black: ⬛ #161616;
```

Used for the element's border radius and width



```
// ! Border Width and Radius
$border-xsmall: 0.03125rem;
$border-small: 0.125rem; //
$border-medium: 0.25rem; //
$border-large: 0.5rem; // 8p
$border-xlarge: 1rem; // 16p
```

Used for margins, paddings, gaps, spacing between and for elements



```
// ! Element Padding and Spacing
$spacing-4: 0.25rem; // 4px
$spacing-8: 0.5rem; // 8px
$spacing-16: 1rem; // 16px
$spacing-24: 1.5rem; // 24px
$spacing-32: 2rem; // 32px
$spacing-48: 3rem; // 48px
$spacing-64: 4rem; // 64px
```

SCSS RESET

The anchor tags and buttons are set to **display block.**

Paragraphs max-width are set to a maximum of **70 characters per line.**

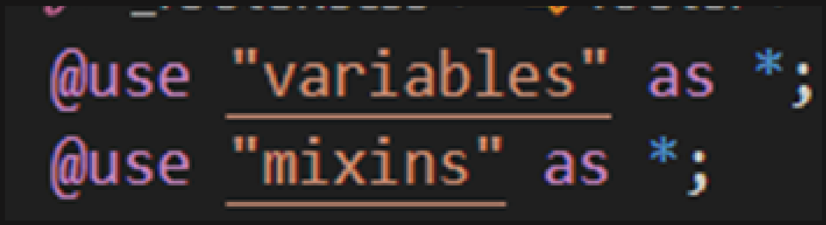
The overlay is set to **$z-index-maxtop** so you may also need to use **$z-index-maxtop** for the spotlighted element.

NOTE: The body is not set to **overflow-x: hidden**; I suggest in case there's a horizontal overflow in your code try just setting the .width-wrap/section or the CONTAINER of that element to **overflow-x hidden.**

Images with the **icon class** has standard width and height. If you want to change the size just style the class.

SCSS GUIDE

When creating a new SCSS file it is a IMPORTANT to include the following first in order to use the mixins and variables:



```scss
@use "variables" as *;
@use "mixins" as *;
```

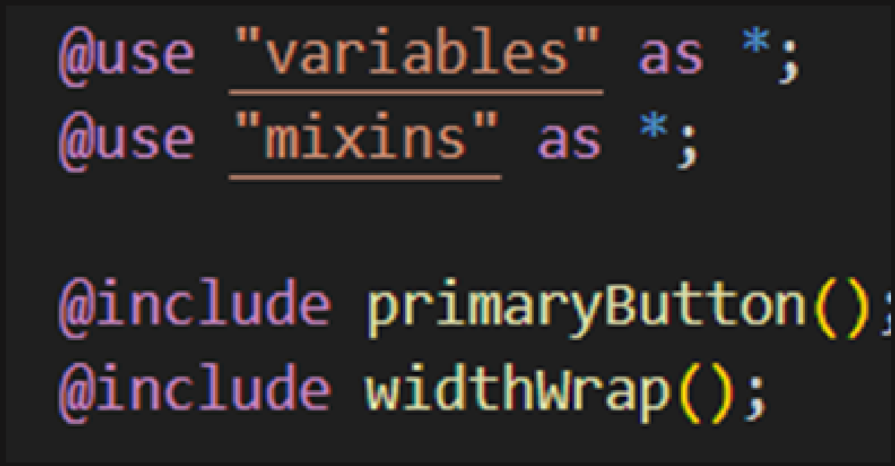
Use the ***@include*** prefix when using a mixin!

UTILITY CLASSES

Use ***.btn-style*** for primary buttons then add a color class such as: .yellow, .red, .black, .green, .white

Wrap section’s content with a div with a class ***.width-wrap***

NOTE: In order to use this utlity classes you need to initialize them at the start of the scss file:



```scss
@use "variables" as *;
@use "mixins" as *;

@include primaryButton();
@include widthWrap();
```

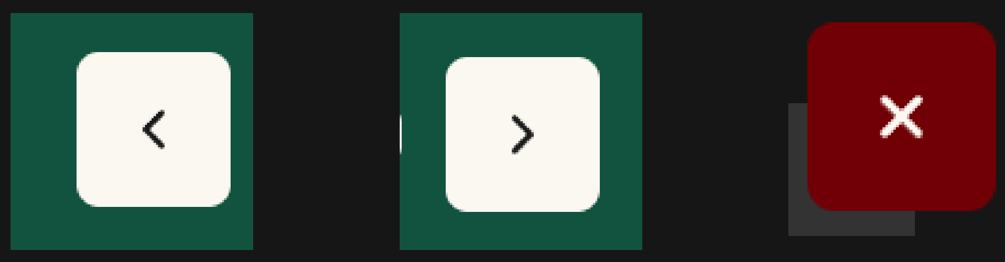
SCSS GUIDE

@mixin widthWrap - used to set a max width for the section or article

@mixin primaryButton - used to make a primary call to action button

@mixin iconHover - used for hovering on icons or just changing the scale of an element when hovered on

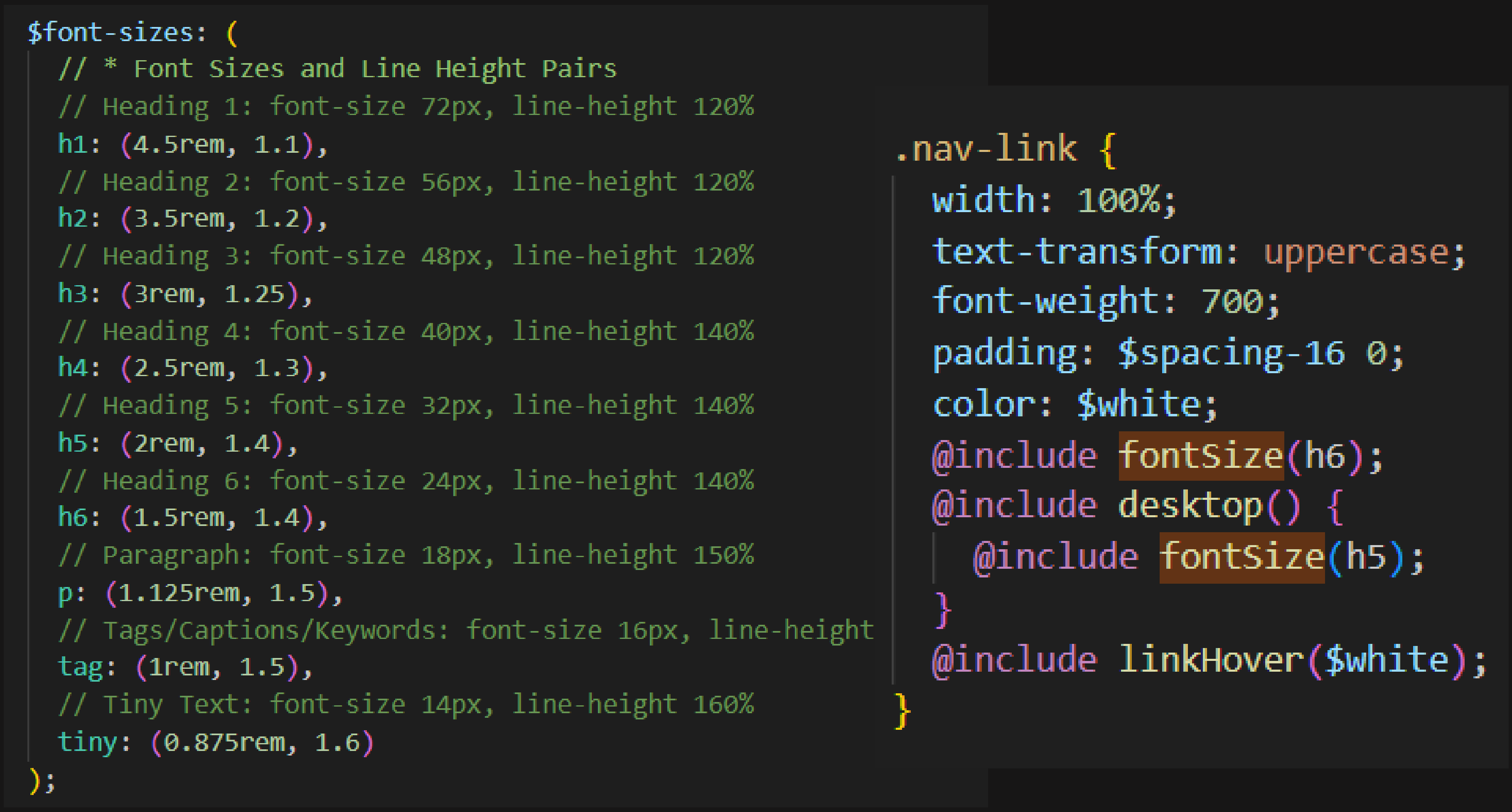
NOTE: For Secondary Buttons with Icons like a close, left, right button just use ***$spacing-8*** on mobile and ***$spacing-16*** on tablet



SCSS GUIDE

@mixin fontSize($type) - used to choose a font size that includes a line height ranging from h1 to p (some extras like tag and tiny)

@mixin linkHover($color) - used to add a hover underline animation for normal text links



```scss
$font-sizes: (
  // * Font Sizes and Line Height Pairs
  // Heading 1: font-size 72px, line-height 120%
  h1: (4.5rem, 1.1),
  // Heading 2: font-size 56px, line-height 120%
  h2: (3.5rem, 1.2),
  // Heading 3: font-size 48px, line-height 120%
  h3: (3rem, 1.25),
  // Heading 4: font-size 40px, line-height 140%
  h4: (2.5rem, 1.3),
  // Heading 5: font-size 32px, line-height 140%
  h5: (2rem, 1.4),
  // Heading 6: font-size 24px, line-height 140%
  h6: (1.5rem, 1.4),
  // Paragraph: font-size 18px, line-height 150%
  p: (1.125rem, 1.5),
  // Tags/Captions/Keywords: font-size 16px, line-height
  tag: (1rem, 1.5),
  // Tiny Text: font-size 14px, line-height 160%
  tiny: (0.875rem, 1.6)
);
```

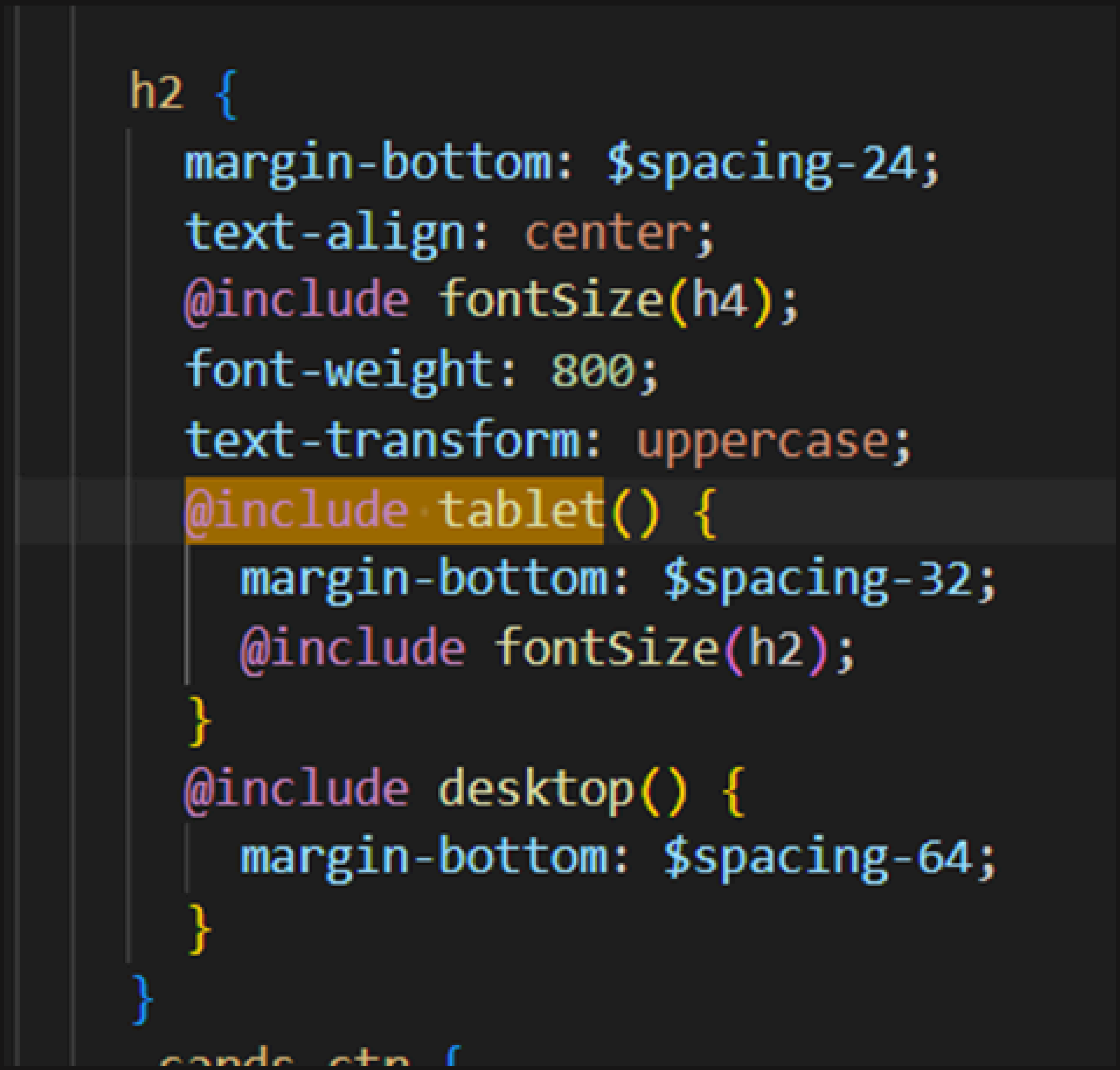
```scss
.nav-link {
  width: 100%;
  text-transform: uppercase;
  font-weight: 700;
  padding: $spacing-16 0;
  color: $white;
  @include fontSize(h6);
  @include desktop() {
    @include fontSize(h5);
  }
  @include linkHover($white);
}
```

For Simple Styling Calculations – no need to use calc() since the live scss compiler automatically does it

SCSS GUIDE

@mixin centerAbsolute - used to center an absolute element

@mixin tablet and desktop - used to style the element at a certain breakpoint



```scss
h2 {
  margin-bottom: $spacing-24;
  text-align: center;
  @include fontSize(h4);
  font-weight: 800;
  text-transform: uppercase;
  @include tablet() {
    margin-bottom: $spacing-32;
    @include fontSize(h2);
  }
  @include desktop() {
    margin-bottom: $spacing-64;
  }
}
.cards-ctn {
```

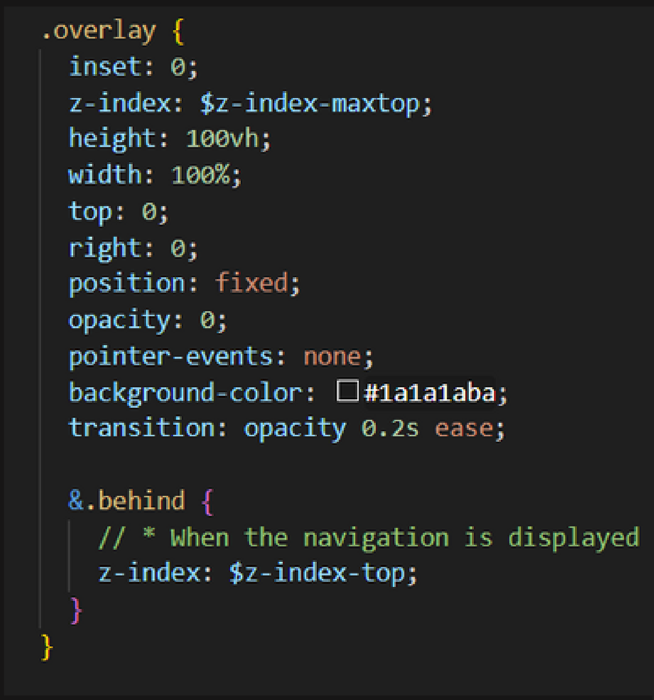
NOTE: There’s also a **@mixin monitor** for wide monitors, it is not really that important but you can still use it if you want

SCSS GUIDE

@mixin listStyle - used to style the element unordered list

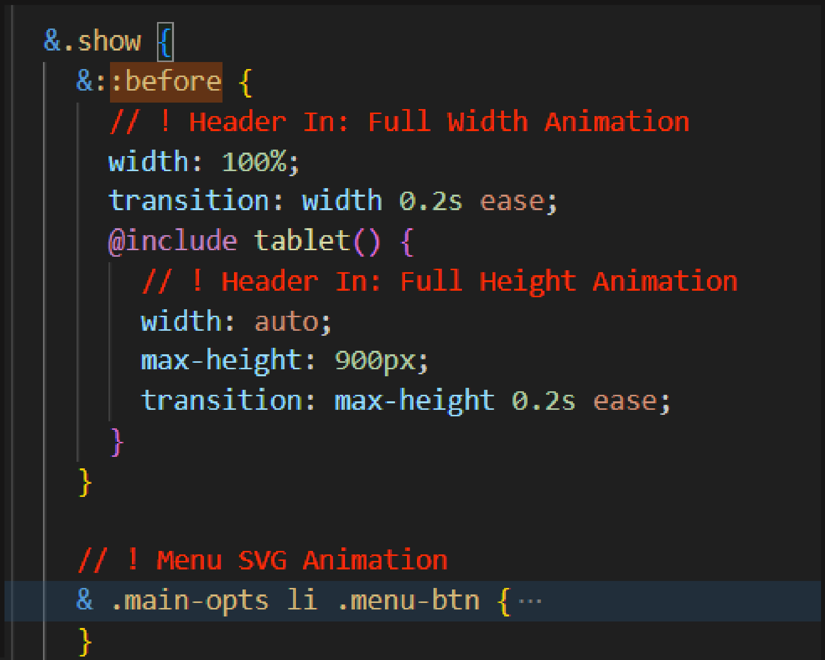
NOTE: You may need to adjust the styling depending on the viewport size for the listStyle

Try using nested styles and also the **ampersand &** (parent selector) which can be used like selecting the element’s class, pseudo elements like before or hover states



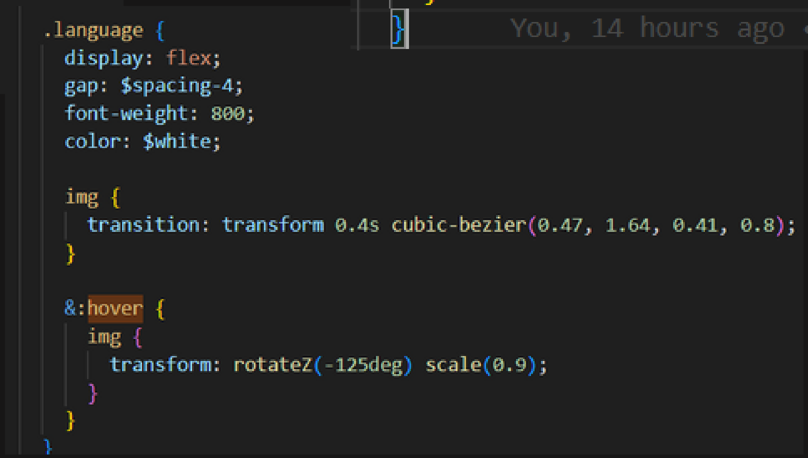
```scss
.overlay {
  inset: 0;
  z-index: $z-index-maxtop;
  height: 100vh;
  width: 100%;
  top: 0;
  right: 0;
  position: fixed;
  opacity: 0;
  pointer-events: none;
  background-color: □#1a1a1aba;
  transition: opacity 0.2s ease;

  &.behind {
    // * When the navigation is displayed
    z-index: $z-index-top;
  }
}
```



```scss
&.show {
  &::before {
    // ! Header In: Full Width Animation
    width: 100%;
    transition: width 0.2s ease;
    @include tablet() {
      // ! Header In: Full Height Animation
      width: auto;
      max-height: 900px;
      transition: max-height 0.2s ease;
    }
  }

  // ! Menu SVG Animation
  & .main-opts li .menu-btn {···
  }
}       You, 14 hours ago • d
```



```scss
.language {
  display: flex;
  gap: $spacing-4;
  font-weight: 800;
  color: $white;

  img {
    transition: transform 0.4s cubic-bezier(0.47, 1.64, 0.41, 0.8);
  }

  &:hover {
    img {
      transform: rotateZ(-125deg) scale(0.9);
    }
  }
}
```

JAVASCRIPT CLASSES

.overlay – to put an overlay behind an element putting the spotlight on it

.show – to display element

.hide – to hide element

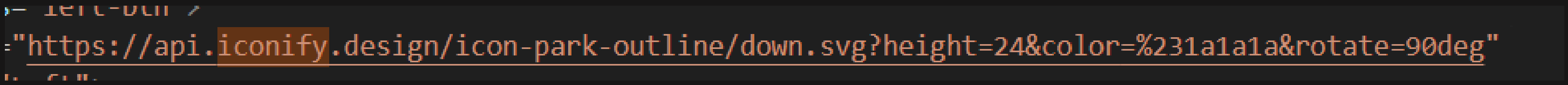
NOTE: So whenever you’re trying to create JavaScript state classes that does some kind of animation or interaction and you’ve styled it in SCSS. Comment it with the Exclamation Mark ! for better documentation

ICONIFY GUIDE

Color (HEX code) - rather than the # key, use %23 prefix for adding colors for the icon

Flip - to change the orientation:
horizontal or vertical

Rotate- to change the rotation: 90deg



```
="https://api.iconify.design/icon-park-outline/down.svg?height=24&color=%231a1a1a&rotate=90deg"
```

I’ve already added a separate html file to the repository that consists of the icons to be used for the website so you can just copypaste it.

NOTE: In case you need to change the width and height in certain breakpoints you can adjust the image with SCSS