

Task3: Sass Basics

“What is Sass, and how does it differ from regular CSS? Create a simple Sass file that demonstrates the use of nesting, partials, and imports. Show the resulting CSS after compilation and explain any notable differences from standard CSS.”

- ➔ Sass is a CSS preprocessor that enhances CSS by introducing features like variables, nesting, and inheritance. It comes in two syntaxes:
 - SCSS: Sassy CSS (most common, like CSS syntax)
 - Indented Syntax: Uses indentation rather than brackets.
- ➔ Differences from regular CSS:
 - Nesting: Organize CSS in a hierarchical way.
 - Partials and Imports: Break styles into smaller files and import them.
- ➔ Example:
 - **Scss**

```
// _variables.scss

$font-stack: Arial, sans-serif;

$primary-color: #333;

// main.scss

@import 'variables';

body {

  font-family: $font-stack;

  color: $primary-color;

  h1 {

    font-size: 2em;

  }

}
```

- **CSS**

```
body {  
  font-family: Arial, sans-serif;  
  color: #333;  
}
```

```
body h1 {  
  font-size: 2em;  
}
```