**Task 4: Variables, Functions, and Inheritance**

In **Sass**, **variables** store reusable values, and **functions** allow calculations. **Inheritance** allows one selector to inherit styles from another.

**Example:**

**Sass code:**

**scss**

// Variables

$primary-color: #3498db;

$padding: 10px;

// Function

@function double($number) {

@return $number \* 2;

}

// Mixin for inheritance

@mixin button-style {

padding: $padding;

background-color: $primary-color;

border: none;

color: white;

}

.button {

@include button-style;

font-size: double(14px);

}

**Compiled CSS:**

**css**

.button {

padding: 10px;

background-color: #3498db;

border: none;

color: white;

font-size: 28px;

}

**Explanation**:

* **Variables**: $primary-color and $padding are reusable.
* **Functions**: double() multiplies the font size.
* **Inheritance**: The mixin button-style applies consistent styles across buttons.