

Assignment: Advanced CSS with SASS

Objective: The objective of this assignment is to demonstrate proficiency in using SASS to enhance CSS development, covering preprocessing, variables, nesting, partials, modules, mixins, inheritance, and operators for a responsive and visually appealing website.

1. Project Description:

- You are required to design and develop a website for a fictional business of your choice, similar to the previous HTML and CSS assignment.
- This time, you will use SASS (Syntactically Awesome Style Sheets) to write your CSS code, covering various SASS concepts.
- The website should have the same requirements as the HTML and CSS assignment, including multiple pages, responsiveness, and visual appeal.

2. Technical Requirements:

- Use SASS to preprocess your CSS code and leverage the following SASS concepts:
 - **Variables:** Define and use variables for colors, fonts, sizes, etc., to maintain consistency and facilitate easy updates.
 - **Nesting:** Nest CSS selectors to represent hierarchical relationships and improve readability.
 - **Partials:** Organize your SASS code into partial files and import them into the main stylesheet to modularize and manage your stylesheets effectively.
 - **Modules:** Divide your SASS code into reusable modules or components to promote reusability and maintainability.
 - **Mixins:** Create mixins for common styles or patterns and include them in your stylesheets to reduce redundancy and improve code maintainability.
 - **Inheritance:** Utilize SASS inheritance to share styles between related elements and streamline stylesheet development.
 - **Operators:** Employ SASS operators (+, -, *, /) to perform arithmetic operations and manipulate values dynamically in your stylesheets.

3. Submission Guidelines:

- Submit your assignment as a compressed folder containing all necessary files (HTML, SASS, images, etc.).
- Include a README file with instructions on how to view your website and any additional information about your project.
- Ensure that your submission adheres to the specified deadline.

4. Assessment Criteria:

- **SASS Usage:** Demonstrated proficiency in using SASS features including variables, nesting, partials, modules, mixins, inheritance, and operators effectively.
- **Visual Design:** Creativity, aesthetics, and visual appeal of the website design.
- **Responsiveness:** Effectiveness of responsive design techniques across different devices.

- Code Quality: Organization, readability, and efficiency of SASS code.
- Functionality: Functionality of interactive elements, navigation, and overall user experience.
- Compliance: Adherence to assignment requirements and technical standards.

Additional Notes:

- You are encouraged to explore additional SASS features and techniques beyond the basic requirements to further enhance your stylesheet development process.
- Use online resources, tutorials, and documentation to support your learning and implementation of advanced SASS techniques.

Submission Deadline: [26th Feb 2024]