<u>Task 13: CSS Variables</u>

" What are CSS variables (custom properties), and how do they work? Create an example that demonstrates how to define and use CSS variables to maintain consistency in a stylesheet. Provide examples of changing the values of these variables and explain how it affects the styles."

➔ CSS variables allow you to define reusable values (e.g., colors, fonts, sizes) throughout your stylesheet, promoting consistency and making it easier to manage changes.
  o Defining a variable: Variables are defined using --variable-name within a selector, typically :root to apply globally.
  o Using a variable: You can use the variable with the var(--variable-name) syntax.
➔ Benefits of CSS Variables:
  o Consistency: Ensures consistent values across styles.
  o Reusability: Allows the same value to be used multiple times.
  o Easier Maintenance: Changing the variable value updates it everywhere it's used.
➔ Advantages:
  o Easily customizable: Change the value of the variable once, and it updates across all elements that use it.
  o Scoped: You can define variables locally for specific elements if needed.