Task 4: How to Debug CSS

" Discuss common CSS issues and how to debug them. Provide a step-by-step guide on using browser developer tools to inspect elements, identify CSS problems, and test changes live. Include a real example of a CSS issue and how you would resolve it using debugging techniques."

→ Common CSS Issues and Debugging Steps:

  1. CSS Not Applying: Ensure correct selector usage and specificity.
  2. Layout Problems: Check for issues with the box model, positioning, or display properties.
  3. Browser Compatibility: Use vendor prefixes for cross-browser support.

→ Step-by-Step Guide to Debugging Using Developer Tools:

  1. Open Developer Tools: Right-click an element > Inspect (in most browsers).
  2. Inspect Element: Check the element's CSS styles and applied rules.
  3. Test Changes: Modify CSS properties live and observe results.
  4. Check for Specificity Issues: Ensure more specific rules are not overriding your styles.

→ Example Issue:

  o A button not appearing with the expected color.

    ▪ Solution: Use developer tools to inspect the button and find if another style is overriding the color.