

1. Why is external CSS preferred for larger projects?

External CSS separates style from content, keeps code organized, reusable, and easier to maintain across multiple pages.

2. What is the difference between em, rem, and px? Try them out and note differences.

px – fixed unit, doesn't scale with parent/viewport.

em – relative to parent element's font-size.

rem – relative to root (html) font-size, consistent across elements.

3. Which CSS properties inherit automatically, and which don't?

Inherit automatically: font-size, font-family, color, line-height, text-align.

Don't inherit: margin, padding, border, background, width, height, display.

4. What happens if two CSS files style the same element differently? Which rule wins?

The rule with higher specificity wins. If equal, the rule that appears last in the cascade wins.

5. Use browser Developer Tools to inspect a website you like. Which fonts and colors are used?

Example (Google):

Font: Roboto, Arial, sans-serif

Colors: Primary #4285F4 (blue), #EA4335 (red), #FBBC05 (yellow), #34A853 (green).

6. What happens if you set margin: auto; on a block element with fixed width?

It horizontally centers the element within its parent container.

7. Difference between relative, absolute, and fixed positioning — try with examples.

relative: Positioned relative to its normal flow (e.g., position: relative; top: 10px).

absolute: Positioned relative to nearest positioned ancestor (e.g., tooltip inside a div).

fixed: Positioned relative to viewport, stays fixed during scroll (e.g., sticky navbar).

8. How do min-width and max-width help in responsive design?

They set boundaries for element resizing — prevents being too small or too large across different screen sizes.

9. Compare inline, block, and inline-block elements with real HTML tags.

inline: No line break, only takes needed space (e.g., , <a>).

block: Starts on new line, takes full width (e.g., <div>, <p>, <h1>).

inline-block: Flows inline but allows width/height (e.g., , <button>).

10. Inspect your favorite website with DevTools — how are margins, borders, and backgrounds used?

Example (YouTube):

Margins: Space between video thumbnails.

Borders: Rounded corners on video cards/buttons.

Backgrounds: Dark theme background (#0F0F0F), contrasting lighter sections.