

Task Session (4)

Objective: Utilize various CSS positioning techniques to create a simple, well-structured webpage.

Instructions:

1. HTML Structure:

- Create a basic HTML page with a header, main content area, and footer. Use appropriate HTML elements (e.g., `<header>`, `<main>`, `<footer>`) to structure the page.

2. Positioning Elements:

- Relative Positioning:

- Select an element (such as a sidebar or image) and apply relative positioning to shift it slightly from its original position. Use the `top`, `right`, `bottom`, or `left` properties to move the element and observe how it remains part of the document flow.

- Absolute Positioning:

- Choose another element (such as a floating box or button) and position it absolutely within a container. The container should have a relative position to serve as the reference point for the absolutely positioned element. Experiment with different positioning coordinates to place the element at the desired location.

- Sticky Positioning:

- Implement a sticky header or navigation bar that remains fixed at the top of the viewport when the user scrolls down. Use the `position: sticky` property and define the threshold (e.g., `top: 0`) to make the element stick in place.

Example

Try to **scroll** inside this frame to understand how sticky positioning works.

I am sticky!

In this example, the sticky element sticks to the top of the page (top: 0), when you reach its scroll position.

Scroll back up to remove the stickyness.

Some text to enable scrolling.. Lorem ipsum dolor sit amet, illum definitiones no quo, maluisse conclaturque et eum, altera fabulas ut quo. Atqui causae gloriatur ius te, id agam omnis evertitur eum. Affert laboramus repudiandae nec et. Inciderint efficiantur his ad. Eum no molestiae voluptatibus.

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An element with position: absolute; is positioned relative to the nearest positioned ancestor (instead of positioned relative to the viewport, like fixed):

This div element has position: relative;

This div element has position:
absolute;

