

ANSWER 8-

Relative Position: When an element is set to "position: relative", it is positioned relative to its normal position in the document flow.

The element still takes up space in the document flow, and other elements are not affected by its position.

You can use top, bottom, left, and right properties to offset the element from its normal position.

Example:<div style="position: relative; top: 20px; left: 30px;">

This is a relatively positioned element. </div>

Absolute Position: With "position: absolute", the element is positioned relative to its nearest positioned ancestor (parent element with a position value other than static) or the document's initial containing block.

The element is taken out of the normal document flow and doesn't affect the positioning of other elements.

You can use top, bottom, left, and right properties to position the element precisely.

Example:<div style="position: relative;">

<div style="position: absolute; top: 50px; left: 100px;">

This is an absolutely positioned element. </div> </div>

Fixed Position: When an element is set to "position: fixed", it is positioned relative to the browser window's viewport, regardless of scrolling.

The element stays in the same position even if the page is scrolled. Fixed elements are taken out of the normal document flow and don't affect the layout of other elements.

You can use top, bottom, left, and right properties to specify the exact position.

Example: `<div style="position: fixed; top: 20px; right: 30px;">`

This is a fixed positioned element.`</div>`

Sticky Position: "position: sticky" is a hybrid between relative and fixed positioning. The element is initially positioned according to the normal flow, but becomes fixed when it reaches a specific scroll position (the "sticky" point).

Sticky elements are relative until the specified scroll threshold is reached, and then they behave like fixed elements.

You can use top, bottom, left, and right properties to define the position relative to the scrolling container.

Example: `<div style="position: sticky; top: 50px;">`

This is a sticky positioned element. `</div>`