1. **Understand position properties?**

**Ans**: **static**:

- This is the default value. Elements with **position: static;** are positioned according to the normal flow of the document.

- The **top**, **right**, **bottom**, **left**, and **z-index** properties have no effect on static positioned elements.

**relative**:

- Elements with **position: relative;** are positioned relative to their normal position in the document flow.

- When you use **top**, **right**, **bottom**, or **left** properties, the element is offset from its normal position in the direction specified.

**absolute**:

- Elements with **position: absolute;** are positioned relative to their closest positioned ancestor. If there is no positioned ancestor, it is positioned relative to the initial containing block (usually the **<html>** element).

- When you use **top**, **right**, **bottom**, or **left** properties, the element is positioned relative to its containing block based on the specified offsets.

**fixed**:

- Elements with **position: fixed;** are positioned relative to the viewport, which means they always stay in the same place even if the page is scrolled.