Positions in CSS Assignment

**Que 2 :** Explain the difference between Absolute and Relative position.

**Ans :**

**Absolute Positioning**:

* An element with absolute positioning is positioned to its closest positioned ancestor or the initial containing block,which is usually the viewport.
* Its removed from the normal document flow ,which means it does not affect the layout of other elements.Other elements essentially act as if the absolutely positioned element does not exist.
* You can use properties like top,right,bottom,and left to specify the exact position of the element , which is relative to the edge of its nearest positioned ancestor.
* Useful for creating overlay elements , pop-up windows, or elements that need to be precisely positioned on a page.

**Relative Positioning:**

* An element with relative positioning is positioned relative to its normal position in the document flow.
* It does not affect the layout of other element on the page because it occupies the space it would have if it weren’t relatively positioned.
* You can use the same properties to the shift the element from its normal position. These properties specify the offset from the element original position.

**Que 5: Explain the z-index, with a code example?**

**Ans :** The z-index property in CSS is used to control the stacking order of positioned elements, primarily those with a

position value of absolute, relative, fixed, or sticky. It determines the order in which elements are stacked on top

of each other along the z-axis, creating a 3D-like effect even though web pages are inherently 2D.