**Relative Vs Absolute Positionning in Css:**

A-Relative position:

Relative position is when placing or modifying an element without affecting the whole layout. In other word, if an element is positioning using the position attributes: top, bottom, right, left and z-index, the relative positioning will be focusing just on the specific element without having to change the other elements. For example, in a case of 4 boxes where they are placed beside each other, if we modify one of them, the other ones will remain in the same place leaving a gap because of the modified one.

B-Absolute position:

Absolute position is when placing the element relatively to its parent element. It is more precise when the parent element is set to be relative because it will positioned relatively to its parent otherwise it will be under the whole body. The absolute position will not leave a gap when it comes to the same example mentioned previously.

**Margin and Padding:**

Margin creates empty space and pushes away from other elements by the top, right, bottom, left attributes. It helps to control each space needed.

Padding control the text inside the box. In fact, when margin is controlling the box place, if any text is present inside the box, it could be also controlled using padding criteria, so if the text should be written in the middle of the box for example, padding will help by creating the empty space inside the box what could affect the written content.

The background color is really what makes the difference between margin and padding because it shows the content of the box otherwise there no really need to differentiate between them.