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Absolut vs Relative Position:

Absolut:

- Elements will be positioned relative to the closest positioned ancestor (position other than static). When setting a position of an object to absolute it will look for the last positioned object and will be positioned relative to this box. If none of the ancestors are positioned, then it will be positioned relative to the biggest box (ex. the body)
- When using absolute positioning, elements will be removed from normal document flow so in the perspective of this object everything else will not exist.

Relative:

- Elements will be positioned relative to its original position which is the default static position set by HTML to all elements (Static position is the normal positioning set by HTML that is every new object will be positioned right after previous one, for example, element 2 comes on the bottom of element 1)
 - But using relative positioning we can change the top left bottom and right.
- Element will remain in normal document flow, but it can overflow other elements if set incorrectly.

Margin vs padding

Margin:

Margin works outside the box. So, when using margin, a space will be added outside the used box, and the distance of this spacing will be the values given to the margin command.

Margin command could be written in many ways, example:

margin: 50px; /*50px will be added outside all 4 sides of the box*/

margin: 20px 50px; /*20px will be added outside of the top and bottom

sides, and 50px will be added outside of the left and

right sides*/

margin: 20px 50px 30px; /*20px will be added outside of the top side,

30px will be added outside of the bottom side, 50px will be added outside of the left and right

sides*/

margin: 20px 50px 30px 60px; /*20px will be added outside of the top side,

50px will be added outside of the right side, 30px will be added outside of the bottom side, 60px will be added outside of the left side*/

margin-top: 50px; margin-right: 50px; margin-bottom: 50px; margin-left: 50px;

These previous commands could also be used to adjust the top, right, bottom and left sides, but margin with multiple inputs is often used as a shortcut.

Padding:

Padding works inside the box. So, when using padding, the box will be extended, and the extension will be the values given to the padding command.

padding command syntax is similar to margin, so it could be written in many ways, example:

padding: 50px; /*50px will be added to all 4 sides of the box*/

padding: 20px 50px; /*20px will be added to the top and bottom sides,

and 50px will be added to the left and right sides*/

padding: 20px 50px 30px; /*20px will be added to the top side,

30px will be added to the bottom side,

50px will be added to the left and right sides*/

padding: 20px 50px 30px 60px; /*20px will be added to the top side,

50px will be added to the right side, 30px will be added to the bottom side, 60px will be added to the left side*/

padding-top: 50px; padding-right: 50px; padding-bottom: 50px; padding-left: 50px;

These previous commands could also be used to adjust the top, right, bottom and left sides, but padding with multiple inputs is often used as a shortcut.