CSS Borders

* The CSS border properties allow you to specify the style, width, and color of an element's border.

## **CSS Border Styles :**

* dotted - Defines a dotted border
* dashed - Defines a dashed border
* solid - Defines a solid border
* double - Defines a double border
* groove - Defines a 3D grooved border. The effect depends on the border-color value
* ridge - Defines a 3D ridged border. The effect depends on the border-color value
* inset - Defines a 3D inset border. The effect depends on the border-color value
* outset - Defines a 3D outset border. The effect depends on the border-color value
* none - Defines no border
* hidden - Defines a hidden border

## **CSS Border Width :**

* The border-width property specifies the width of the four borders.
* The width can be set as a specific size (in px, pt, cm, em, etc) or by using one of the three pre-defined values: thin, medium, or thick.

Eg:-p{

border-style:solid;

border-width:mediam;

}

* Specific Side Width:-
* The border-width property can have from values.

Eg:- p{

Border-style: solid;

Border-width: 5px 20px;

**}**

* **CSS Border Color:**
* The border color property is used to the color of four borders.
* Name : specify a color name, like “red”
* HEX : specify a HEX value, like “#ff0000”
* RGB : specify a RGB value, like “rgb(255,0,0)”
* HSL : specify a HSL value, like ”hsl(0, 100%, 50%)”
* Transparent
* **CSS Border Sides :**
* In CSS, there are also properties for specifying each of the borders (top, right, bottom, and left)
* **border-style:dotted solid double dashed;**
* top border is dotted
* right border is solid
* bottom border is double
* left border id dashed
* **border-style:dotted solid double;**
* top border is dotted
* right and left borders are solid
* bottom border is double
* **border-style:dotted solid;**
* top and bottom borders are dotted
* right and left borders are solid
* **border-style:dotted;**
* all four side borders are dotted
* **Shorthand Property :**
* To shorten the code, it is also possible to specify all the individual border property in one property.
* The border property is a shorthand property for the following individual properties.
* Border-width
* Border-color
* Border-style
* **CSS Margins :**
* The CSS margin properties are used to space around elements, outside of any defined boards.
* With CSS, you have full control over the margins. There are properties for setting the margin for each side of an element(top , right, bottom, and left).
* **Margin – Individual sides:**
* CSS has properties for specifying the margin for each side of ana element.
* Margin-top
* Margin-right
* Margin-bottom
* Margin-left
* **Margin-shorthand property:**
* To shorten the code, it is possible to specify all the margin properties in one property.
* The margin property is a shorthand property for following individual margin properties.
* **Margin-top**
* **Margin-right**
* **Margin-bottom**
* **Margin-left**
* If margin property have four values
* **Margin:25px 50px 75px 100px**
* Top margin is 25px
* Right margin is 50px
* Bottom margin is 75px
* Left margin is 100px
* **Margin:25px 50px 75px**
* Top margin is 25px
* Right and left margins are 50px
* Bottom margin is 75px
* **Margin:25px 50px**
* Top and bottom margins are 25px
* Right and left margins are 50px
* **Margin:25px**
* All four margins are 25px
* **Margin Collapse**
* Top and bottom margins of elements are sometimes collapsed into a margin that is equal to the largest of two margins.
* This does not happen on left and right margins only top and bottom margins
* **CSS Padding**
* The CSS padding properties are used to generate space around an elements content, inside of any defined border
* With CSS you have full control over the padding. There are properties for setting the padding for each side of an element(top, right, bottom, and left).
* **Padding individual sides**
* Padding-top
* Padding-right
* Padding-bottom
* Padding-left
* All the padding properties have the following values.
* Length – specifies a padding in px, pm,cm etc.
* %-specifies a padding in % of the width of the containing element.
* Inherit-specifies that the padding should be inherited from the parent element.
* **Padding-shorthand property**
* Padding-top
* Padding-right
* Padding-bottom
* Padding-left