CSS Border Properties

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

- **Syntax :**

  border : [border-width] [border-style] [border-color]

1. Border-width :

➤ The border-width property sets the width of an element's four borders.

- Syntax:

  border-width : medium | thin | thick | length;

- **If the border-width property has four values:**

  - border-width: thin medium thick 10px;
    - top border is thin
    - right border is medium
    - bottom border is thick
    - left border is 10px

- **If the border-width property has three values:**
  - border-width: thin medium thick;
    - top border is thin
    - right and left borders are medium
    - bottom border is thick

- **If the border-width property has two values:**
  - border-width: thin medium;
    - top and bottom borders are thin
    - right and left borders are medium

- **If the border-style property has one values:**
    - border-width: thin;
        - all four borders are thin

✓ border-top-width: 10px;
✓ border-bottom-width: 10px;
✓ border-left-width: 10px;
✓ border-right-width: 10px;

2. **Border-style :**
    ➢ The border-style property sets the style of an element's four borders.
    - **Syntax :**

        border-style: none | hidden | dotted | dashed | solid | double
        groove | ridge | inset | outset;

    - **If the border-style property has four values:**
        - border-style: dotted solid double dashed;
            o top border is dotted
            o right border is solid
            o bottom border is double
            o left border is dashed

    - **If the border-style property has three values:**
        - border-style: dotted solid double;
            o top border is dotted
            o right and left borders are solid
            o bottom border is double

    - **If the border-style property has two values:**
        - border-style: dotted solid;
            o top and bottom borders are dotted
            o right and left borders are solid

- **If the border-style property has one values:**
    - border-style: dotted;
        - all four borders are dotted

✓ border-top-style: dotted;

✓ border-bottom- style: dashed;

✓ border-left- style: double;

✓ border-right- style: solid;

3. border-color :

- The border-color property is used to set the color of the four borders.
- **Syntax:**

    border-color: color | transparent;

- **If the border-color property has four values:**
    - border-color: red green blue pink;
        - top border is red
        - right border is green
        - bottom border is blue
        - left border is pink

- **If the border-color property has three values:**
    - border-color: red green blue;
        - top border is red
        - right and left borders are green
        - bottom border is blue

- **If the border-color property has two values:**
    - border-color: red green;
        - top and bottom borders are red
        - right and left borders are green

- **If the border-color property has one value:**
  - border-color: red;
    - all four borders are red

✓ border-top-color: red;

✓ border-bottom- color: green;

✓ border-left- color: blue;

✓ border-right- color: cyan;

CSS Border Radius Properties

- The border-radius property defines the radius of the element's corners.
- **Syntax:**

  border-radius: length | % ;

- **If the border-radius property has four values:**
  - border-radius: 5px 10px 20px 15px;
    - o 5px – top left corner
    - o 10px – top right corner
    - o 20px – bottom right corner
    - o 15px – bottom left corner

- **If the border-radius property has three values:**
  - border-radius: 10px 20px 15px;
    - o 10px – top left corner
    - o 20px – top right and bottom left corner
    - o 15px – bottom right corner

- **If the border-radius property has two values:**
  - border-radius: 10px 20px;
    - o 10px – top left and bottom right corner
    - o 20px – top right and bottom left corner

- **If the border-radius property has one value:**
  - border-radius: 20px;
    - all four corners

CSS Outline Properties

➢ The CSS outline properties is a line that is drawn around elements,outside the borders,to make the element stand out.

- **Syntax :**

  outline : [outline-width] [outline-style] [outline-color] ;

1. **outline-width :**
   ➢ The outline-width property specifies the width of an outline.
   - Syntax:

     outline-width : medium | thin | thick | length;

2. **outline-style :**
   ➢ The outline-style property specifies the style of an outline.
   - Syntax:

     outline-style: none | hidden | dotted | dashed | solid | double
     groove | ridge | inset | outset;

3. **outline-color :**
   ➢ The outline-color property specifies the color of an outline.
   - Syntax:

     outline-color: color ;

❖ **outline-offset :**
   ➢ The outline-offset property adds space between the outline and border of an element.
   - Syntax:

     outline-offset: length ;