

Course Name: **O Level (1<sup>st</sup> Sem)**  
Topic: **CSS – Border (Part 10)**

Subject **Web Designing & Publishing (WDP)**  
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## CSS – Border

### CSS Border

The CSS border properties are used to make the border effects for elements. These CSS border properties are:

- border-width
- border-style
- border-color

### border-width

This property is used to set the width of the border of element.

```
border-width: 10px;
```

This will set the border width to **10px** for each side i.e. top, bottom, left, right. We can set each side of the border with individually also like:

```
border-top-width: 02px;
```

```
border-bottom-width: 03px;
```

```
border-left-width: 04px;
```

```
border-right-width: 05px;
```

### border-style

This property is used to set the style of the border of element. It can have value **dotted**, **solid**, **dashed**, **double**, **groove**, **ridge**, **inset**, **outset**, **none**.

```
border-style: dotted;
```

This will set the style as **dotted** for each side i.e. top, bottom, and left, right. We can set each side of the border style individually also like:

```
border-top-style: solid;  
border-bottom-style: dashed;  
border-left-style: double;  
border-right-style: groove;
```

### **border-color**

This property is used to set the color of the border of element. The value of color can be given by color names, hex, rgb() or hsl() value.

```
border-color : green;
```

This will set the border color as **green** for each side i.e. top, bottom, left, right. We can set each side of the border color with individually also like:

```
border-top-color: green;  
border-bottom-color: blue;  
border-left-color: brown;  
border-right-color: gold;
```

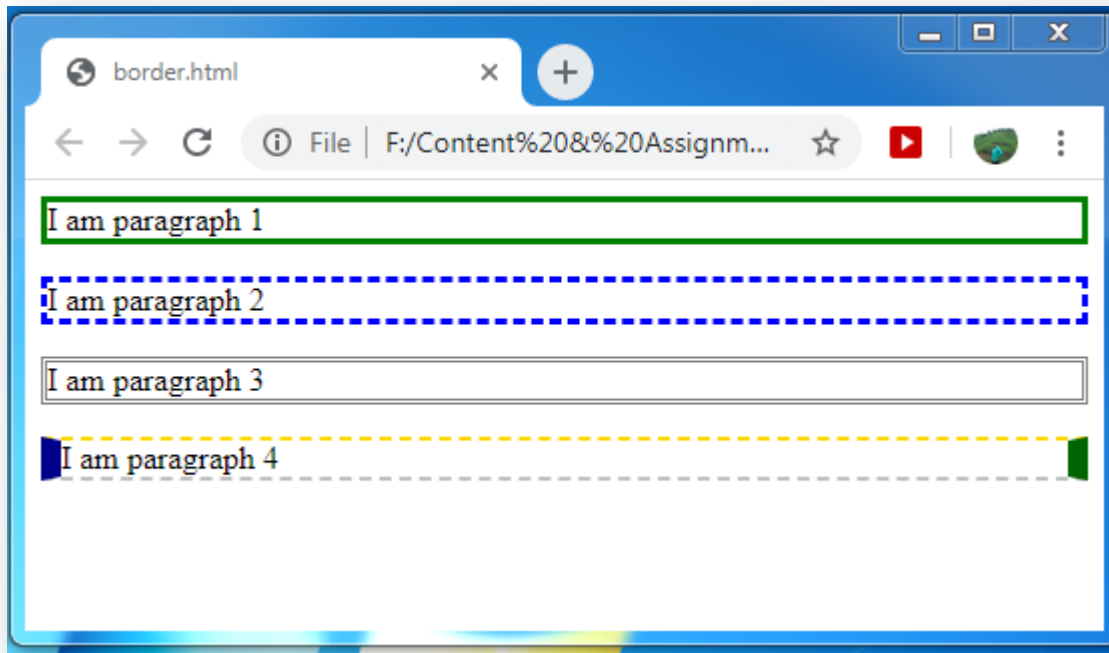
We can also define width, style and color border properly in single line as

```
border: 10px dotted green;  
border-left: 10px solid green;  
border-right: 10px dashed green;  
border-top: 10px groove green;  
border-bottom: 10px double green;
```

**Code – setting border**

```
<html>
<head>
  <style>
    #p1{
      border-width:03px;
      border-style: solid;
      border-color: green;
    }
    #p2{
      border-width: 03px;
      border-style: dashed;
      border-color: blue;
    }
    #p3{
      border:03px double grey;
    }
    #p4{
      border-left:10px solid darkblue;
      border-right:10px solid darkgreen;
      border-top:02px dashed gold;
      border-bottom:02px dashed silver;
    }
  </style>
</head>
<body>
<p id="p1"> I am paragraph 1 </p>
<p id="p2"> I am paragraph 2 </p>
<p id="p3"> I am paragraph 3 </p>
<p id="p4"> I am paragraph 4 </p>
</body>
</html>
```

## Output:



## Exercise:

1. Create a webpage that has one heading and one paragraph.
  - a. Add a border style for each side of paragraph. The top border must be dashed, the right border must be double, the bottom border must be dotted, and the left border must be solid. Each border side color must also be different.
  - b. Set a "3px", "solid", and "blue" border for the <h1> tag.

