

# Three Way CSS



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="3 Three Way CSS.css">
8   <script src="jquery.js"></script>
9
10  <!-- Internal CSS
11  <style>
12    p{background-color: orangered; color: white;}
13    h5{color: red;}
14    span{font-size: 30px;}
15  </style> ----->
16
17
18 </head>
19
20 <body>
21
22  <!-- Inline CSS
23  <p style="background-color: orangered;">Hello Bangladesh</p> ----->
24
25  <p>Hello Bangladesh</p>
26
27  <h5>Hello World</h5>
28
29  <span>Hello Span Tag</span>
30
31
32 </body>
33 </html>
```

## Three Way CSS



```
1 body{background: aqua;}  
2 p{background-color: orangered; color: white;}  
3 h5{color: red;}  
4 span{font-size: 30px;}
```

Output:

Hello Bangladesh

Helo Wrld

Hello Span Tag

# Selector id class

```
● ● ●
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="4 Selector id class.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   <!-- #=id .=class -->
14   <!--Same Name id not Allow-->
15
16   <p id="firstLine">This is P tag 1</p>
17   <p>This is P tag 2</p>
18   <p id="threeLine">This is P tag 3</p>
19   <p id="forthLine" class="class_forthLine">This is P tag 4</p> <!--id+class-->
20   <p>This is P tag 5</p>
21
22
23
24
25 <br><br>
26
27   <!--Same Name Class Allow-->
28   <h5 class="heading0 heading1">Heading 1</h5>
29   <h5 class="heading2">Heading 2</h5>
30   <h5 class="heading2">Heading 3</h5>
31
32 </body>
33 </html>
```

## Selector id class



```
1 body{background-color: aqua;}  
2  
3  
4 /* #=id  .=class  */  
5 #firstLine{color: blue;}  
6 #threeLine{color: red;}  
7 #forthLine{font-size:25px; font-style: italic;}  
8 .class_forthLine{color: green;}  
9  
10  
11 .heading0{color: blue;}  
12 .heading1{font-size: 20px;}  
13 .heading2{color: red;}
```

## Selector id class

Output:

This is P tag 1

This is P tag 2

This is P tag 3

*This is P tag 4*

This is P tag 5

**Heading 1**

**Heading 2**

**Heading 3**

## Comment



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="5 comment.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   ok <!--Your Comment-->
14
15 </body>
16 </html>
```



```
1 body{background-color: aqua; }
2
3 /*body*/
4 /*ShortCut= Mouse Cursor+Ctrl+*/
```

# Color in CSSS



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="6 Color in CSSS.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   <h1>This is color name.</h1>
14   <h2>This color code</h2>
15   <h3>This is HEX color</h3>
16   <span>Microsoft PowerToys Color Picker</span>
17   <br><br>
18   <div>This is RGB Color</div>
19   <p>This is RGBA Color</p>
20
21 </body>
22 </html>
```

## Color in CSS



```
1 body{background-color: aqua;}\n2\n3 p{color: rgba(255,0, 0, 0.4);} /*This is RGBA color*/\n4 div{color: rgb(255, 0, 0);} /*This is RGB color*/\n5 h1{color: red;} /* This is color name*/\n6 h2{color: #0000ff;} /* This color code*/\n7 h3{color: #ff0000;} /* This is HEX color*/\n8 span{color: #5f9c5f} ; /* Color Picker */
```

### Output:

**This is color name.**

**This color code**

**This is HEX color**

Microsoft PowerToys Color Picker

**This is RGB Color**

**This is RGBA Color**

# Background color image CSS

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6     <title>Document</title>
7     <link rel="stylesheet" href="7 Bckground color image.css" />
8     <script src="jquery.js"></script>
9   </head>
10  <body>
11    <div>
12      <p class="firstP">
13        Lorem ipsum dolor sit amet consectetur, adipisicing elit. Vel
14        voluptatibus minus corrupti fuga accusantium quasi, cumque dignissimos
15        voluptas maxime, culpa amet neque vitae sit, illo minima a cum corporis.
16        Beatae labore eligendi modi, sit quia vero esse animi sapiente provident
17        facilis ex id architecto. Recusandae nemo eum et quis nihil ab officia
18        debitis. Quaerat laborum voluptatibus beatae nostrum quos cum deserunt
19        dolorum! Dolor alias ipsum repellendus dolore quisquam voluptatem, ullam
20        quo a consequatur quae totam dolorem vel omnis unde ad quidem eaque id
21        sequi sapiente corporis doloremque. Obcaecati enim non harum nisi eos
22        id, nam veniam voluptas debitis? Dolore impedit assumenda veritatis ab.
23        Libero eligendi, quidem, eaque dolor doloribus deleniti pariatur, ut
24        quo corrupti consequuntur culpa vero. Perspiciatis quaerat
25        reprehenderit assumenda animi nisi facilis ipsa ut consequuntur in. Ex
26        laudantium eligendi error commodi cum expedita vero a ipsu ratione
27        quidem animi laborum eveniet, quo excepturi incident explicabo odit
28        assumenda magni voluptate dolor fugiat? Excepturi possimus, ratione eos
29        praesentium rerum aut? Sapiente saepe esse aut tempora! Quod omnis porro
30        vel natus, expedita praesentium sunt veniam aliquid beatae quisquam nam
31        quia facere amet sint debitis eaque? Animis dolor velit ducimus excepturi
32        aut, ullam molestias totam maxime tenetur corrupti, voluptates dolorum
33        iure tempore, iste accusantium quam officiis? Inventore sit architecto,
34        voluptate cumque dolore saepe facilis ea quam error minus a ullam quasi
35        delectus, blanditiis suscipit, eaque veritatis. Dignissimos nobis ab
36        eveniet impedit animi tempore molestiae amet, velit illo repellendus,
37        repellat voluptate nulla veniam, quas aspernatur a asperiores. Nihil
38        quibusdam doloribus modi tenetur dolore laudantium quasi ab corporis
39        laboriosam fuga, veritatis dolorem dolores strum, consequatur
40        consequuntur dolorum est repellat, provident at quaerat tempora harum.
41        Consequuntur ut cupiditate omnis beatae eum reprehenderit magni
42        distinctio temporibus itaque facilis. Incident vitae dolor distinctio
43        mollitia unde pariatur iusto perspiciatis molestias quia enim. Lorem
44        ipsum dolor sit amet consectetur, adipisicing elit. Vel voluptatibus
45        minus corrupti fuga accusantium quasi, cumque dignissimos voluptas
46        maxime, culpa amet neque vitae sit, illo minima a cum corporis. Beatae
47        labore eligendi modi, sit quia vero esse animi sapiente provident
48        facilis ex id architecto. Recusandae nemo eum et quis nihil ab officia
49        debitis. Quaerat laborum voluptatibus beatae nostrum quos cum deserunt
50        dolorum! Dolor alias ipsum repellendus dolore quisquam voluptatem, ullam
51        quo a consequatur quae totam dolorem vel omnis unde ad quidem eaque id
52        sequi sapiente corporis doloremque. Obcaecati enim non harum nisi eos
53        id, nam veniam voluptas debitis? Dolore impedit assumenda veritatis ab.
54        Libero eligendi, quidem, eaque dolor doloribus deleniti pariatur, ut
55        quo corrupti consequuntur culpa vero. Perspiciatis quaerat
56        reprehenderit assumenda animi nisi facilis ipsa ut consequuntur in. Ex
57        laudantium eligendi error commodi cum expedita vero a ipsu ratione
58        quidem animi laborum eveniet, quo excepturi incident explicabo odit
59        assumenda magni voluptate dolor fugiat? Excepturi possimus, ratione eos
60        praesentium rerum aut? Sapiente saepe esse aut tempora! Quod omnis porro
61        vel natus, expedita praesentium sunt veniam aliquid beatae quisquam nam
62        quia facere amet sint debitis eaque? Animis dolor velit ducimus excepturi
63        aut, ullam molestias totam maxime tenetur corrupti, voluptates dolorum
64        iure tempore, iste accusantium quam officiis? Inventore sit architecto,
65        voluptate cumque dolore saepe facilis ea quam error minus a ullam quasi
66        delectus, blanditiis suscipit, eaque veritatis. Dignissimos nobis ab
67        eveniet impedit animi tempore molestiae amet, velit illo repellendus,
68        repellat voluptate nulla veniam, quas aspernatur a asperiores. Nihil
69        quibusdam doloribus modi tenetur dolore laudantium quasi ab corporis
70        laboriosam fuga, veritatis dolorem dolores strum, consequatur
71        consequuntur dolorum est repellat, provident at quaerat tempora harum.
72        Consequuntur ut cupiditate omnis beatae eum reprehenderit magni
73        distinctio temporibus itaque facilis. Incident vitae dolor distinctio
74        mollitia unde pariatur iusto perspiciatis molestias quia enim.
75      </p>
76
77    </div>
78  </body>
79</html>
```

## Background color image CSS

```
● ● ●
1 body{background-color: aqua;}
2
3
4 /* .firstP{
5 background-color: red;
6 background-image: url('image/square_b.png');
7 background-repeat: no-repeat;
8 background-position: right top;          /left,right,top,button,10px,10px,10%,10% /
9 background-size: cover;                  / cover,contain,80% /
10 background-attachment: fixed;}         /fixed,scroll */
11
12 /*Multiple Background*/
13 .firstP{
14   background-color: yellow;
15   background-image: url(image/square.png), url(image/square_b.png);
16   background-repeat: no-repeat;
17   background-position: left top, right bottom;
18   background-size: 40%, 40%;
19 }
```

# Background color image CSS

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## 8 width Hight html CSS

```
● ● ●
1  <!DOCTYPE html>
2  <html lang="en">
3      <head>
4          <meta charset="UTF-8" />
5          <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6          <title>Document</title>
7          <link rel="stylesheet" href="8 width Hight.css" />
8          <script src="jquery.js"></script>
9      </head>
10
11     <body>
12
13         <div id="firsDiv">
14             <p>
15                 Lorem, ipsum dolor sit amet consectetur adipisicing elit. Et molestias
16                 alias sit beatae repudiandae totam numquam porro aspernatur laboriosam
17                 qui officiis exercitationem nostrum quidem ipsa voluptatem animi
18                 aliquid, quia dolore itaque in voluptas deserunt repellat aliquam
19                 necessitatibus? Labore quisquam aliquid perspiciatis ullam, vero, aut ea
20                 temporibus sit dolores minus doloremque. Lorem, ipsum dolor sit amet
21                 consectetur adipisicing elit. Et molestias alias sit beatae repudiandae
22                 totam numquam porro aspernatur laboriosam qui officiis exercitationem
23                 nostrum quidem ipsa voluptatem animi aliquid, quia dolore itaque in
24                 voluptas deserunt repellat aliquam necessitatibus? Labore quisquam
25                 aliquid perspiciatis ullam, vero, aut ea temporibus sit dolores minus
26                 doloremque.
27             </p>
28         </div>
29
30     </body>
31 </html>
```

## 8 width Hight html CSS

```
1 body{background-color: aqua;}  
2  
3  
4 #firsDiv{  
5     background-color: orangered;  
6     width: 350px;  
7     height: 300px;  
8  
9     max-width: 450;  
10    max-height: 400;  
11    min-width: 250;  
12    min-height: 200;  
13 }
```

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## 9 Border in CSS



```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6     <title>Document</title>
7     <link rel="stylesheet" href="9 Border in css.css" />
8     <script src="jquery.js"></script>
9   </head>
10
11 <body>
12
13   <div id="border">
14     <p>
15       Lorem, ipsum dolor sit amet consectetur adipisicing elit. Dicta vel
16       nulla vero dolor voluptatibus. Corrupti quasi ullam voluptatem quae
17       eveniet. Dolore culpa laboriosam quae quidem quia consequatur
18       perferendis vitae harum, consectetur perspiciatis sequi error odit sed
19       neque aperiam nemo? Nemo quis distinctio facere corporis saepe?
20     </p>
21   </div>
22
23 </body>
24 </html>
25
```

## 9 Border in CSS

```
1 body{background-color: aqua;}
2
3 #border{
4   border-style: solid; /*solid,dotted,dashed,double,outset,inset,groove,ridge,none*/
5   border-style: solid dotted dashed double ;
6   border-width: 5px;
7   border-color: red yellow;
8   border-radius: 10px;
9
10 /* border: 5px solid yellow; (Recommend) */
11
12 /* border-top-style: solid;
13  border-right-style: solid ;
14  border-bottom-style: solid;
15  border-left-style: solid ; */
16
17 }
```

Lorem, ipsum dolor sit amet consectetur adipisicing elit. Dicta vel nulla vero dolor  
voluptatibus. Corrupti quasi ullam voluptatem quae eveniet. Dolore culpa laboriosam quae  
quidem quia consequatur perferendis vitae harum, consectetur perspiciatis sequi error odit sed  
neque aperiam nemo? Nemo quis distinctio facere corporis saepe?

# 10 Padding in CSS

```
● ● ●
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6     <title>Document</title>
7     <link rel="stylesheet" href="10 Padding in CSS.css" />
8     <script src="jquery.js"></script>
9   </head>
10
11  <body>
12
13    <div id="firstDiv">
14      <p>
15        Lorem ipsum dolor sit amet, consectetur adipisicing elit. Reiciendis
16        nisi consectetur at voluptatem exercitationem quis doloribus tenetur nam
17        non. Cupiditate voluptates autem quod nam magni dignissimos illum,
18        fugiat nemo officia assumenda placeat eaque perspiciatis praesentium
19        adipisci nihil totam sint impedit dolorum illo odio? Quasi, error?
20      </p>
21    </div>
22
23  <br>
24
25  <button class="button">Submit</button>
26
27  </body>
28 </html>
```

# 10 Padding in CSS

```
1 body{background-color: aqua;}\n2\n3 #firstDiv{\n4     border: 2px solid red;\n5\n6     padding-top: 20px;\n7     padding-right: 20px;\n8     padding-bottom: 20px;\n9     padding-left: 20px;\n10\n11    padding: 50px;\n12\n13    padding: 30px 30px 30px 30px;\n14 }\n15\n16 .button{\n17     padding: 10px 50px;\n18 }
```

10. **padding:** This CSS property adds space between the content and the border of an element. It can be specified as a single value (e.g., 10px) or as four values separated by spaces (e.g., 10px 20px 30px 40px). The first two values apply to top and right respectively, while the last two apply to bottom and left respectively.

Quasi, error?

Submit

# 11 Margin in CSS

```
● ● ●
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6     <title>Document</title>
7     <link rel="stylesheet" href="11 Margin in CSS.css" />
8     <script src="jquery.js"></script>
9   </head>
10  <body>
11    <div class="first_div">
12      <p>
13        Lorem ipsum dolor sit amet consectetur, adipisicing elit. Id esse
14        incidunt dolorum ab, velit deserunt vel modi tempore necessitatibus
15        praesentium odio perferendis itaque fugit totam aliquam corporis
16        voluptas nobis, excepturi repudiandae delectus. Error ipsa ex sint
17        similique vitae voluptates ab earum esse! Provident, aut vel quidem,
18        ratione ipsa voluptatibus laudantium eius delectus quia earum hic
19        architecto alias consequatur eum repellat accusantium eos ipsum animi
20        repellendus iste expedita cupiditate! In est rem repudiandae, totam iste
21        omnis suscipit, fuga ea veritatis numquam voluptate, itaque alias.
22        Perferendis, nulla. Voluptatem maxime provident deleniti blanditiis
23
24      </p>
25    </div>
26
27    <div class="second_div">
28      <p>
29        Lorem ipsum dolor sit amet consectetur, adipisicing elit. Id esse
30        incidunt dolorum ab, velit deserunt vel modi tempore necessitatibus
31        praesentium odio perferendis itaque fugit totam aliquam corporis
32        voluptas nobis, excepturi repudiandae delectus. Error ipsa ex sint
33        similique vitae voluptates ab earum esse! Provident, aut vel quidem,
34        ratione ipsa voluptatibus laudantium eius delectus quia earum hic
35        architecto alias consequatur eum repellat accusantium eos ipsum animi
36        repellendus iste expedita cupiditate! In est rem repudiandae, totam iste
37        omnis suscipit, fuga ea veritatis numquam voluptate, itaque alias.
38
39      </p>
40    </div>
41
42    <div class="third_div">
43      <p>
44        Lorem ipsum dolor sit amet consectetur, adipisicing elit. Id esse
45        incidunt dolorum ab, velit deserunt vel modi tempore necessitatibus
46        praesentium odio perferendis itaque fugit totam aliquam corporis
47        voluptas nobis, excepturi repudiandae delectus. Error ipsa ex sint
48        similique vitae voluptates ab earum esse! Provident, aut vel quidem,
49        ratione ipsa voluptatibus laudantium eius delectus quia earum hic
50        architecto alias consequatur eum repellat accusantium eos ipsum animi
51        repellendus iste expedita cupiditate! In est rem repudiandae, totam iste
52        omnis suscipit, fuga ea veritatis numquam voluptate, itaque alias.
53
54      </p>
55    </div>
56
57    <div class="forth_div">
58      <p>
59        Lorem ipsum dolor sit amet consectetur, adipisicing elit. Id esse
60        incidunt dolorum ab, velit deserunt vel modi tempore necessitatibus
61        praesentium odio perferendis itaque fugit totam aliquam corporis
62        voluptas nobis, excepturi repudiandae delectus. Error ipsa ex sint
63        similique vitae voluptates ab earum esse! Provident, aut vel quidem,
64        ratione ipsa voluptatibus laudantium eius delectus quia earum hic
65        architecto alias consequatur eum repellat accusantium eos ipsum animi
66        repellendus iste expedita cupiditate! In est rem repudiandae, totam iste
67        omnis suscipit, fuga ea veritatis numquam voluptate, itaque alias.
68
69      </p>
70    </div>
71
72  </body>
73 </html>
74
```

## 11 Margin in CSS

```
1 body{background-color:aqua}
2
3
4 .first_div{
5   border: 1px solid black;
6   margin-bottom: 30px;
7 }
8
9 .second_div{
10   border: 1px solid black;
11   margin-left: 100px;
12   margin-right: 100px;
13 }
14
15 .third_div{
16   border: 1px solid black;
17   margin: 50px 25px 60px 15px;
18 }
19
20 .forth_div{
21   width: 500px;
22   border: 1px solid black;
23   margin: 100px auto ;
24 }
```

# 11 Margin in CSS

Lore ipsum dolor sit amet consectetur, adipisicing elit. Id esse incident dolorum ab, velit deserunt vel modi tempore necessitatibus praesentium odio perferendis itaque fugit totam aliquam corporis voluptas nobis, excepturi repudiandae delectus. Error ipsa ex sint similiqe vitae voluptates ab earum esse! Provident, aut vel quidem, ratione ipsa voluptatibus laudantium eius delectus quia earum hic architecto alias consequatur eum repellat accusantium eos ipsum animi repellendus iste expedita cupiditate! In est rem repudiandae, totam iste omnis suscipit, fuga ea veritatis numquam voluptate, itaque alias. Perferendis, nulla. Voluptatem maxime provident deleniti blanditiis

Lore ipsum dolor sit amet consectetur, adipisicing elit. Id esse incident dolorum ab, velit deserunt vel modi tempore necessitatibus praesentium odio perferendis itaque fugit totam aliquam corporis voluptas nobis, excepturi repudiandae delectus. Error ipsa ex sint similiqe vitae voluptates ab earum esse! Provident, aut vel quidem, ratione ipsa voluptatibus laudantium eius delectus quia earum hic architecto alias consequatur eum repellat accusantium eos ipsum animi repellendus iste expedita cupiditate! In est rem repudiandae, totam iste omnis suscipit, fuga ea veritatis numquam voluptate, itaque alias.

Lore ipsum dolor sit amet consectetur, adipisicing elit. Id esse incident dolorum ab, velit deserunt vel modi tempore necessitatibus praesentium odio perferendis itaque fugit totam aliquam corporis voluptas nobis, excepturi repudiandae delectus. Error ipsa ex sint similiqe vitae voluptates ab earum esse! Provident, aut vel quidem, ratione ipsa voluptatibus laudantium eius delectus quia earum hic architecto alias consequatur eum repellat accusantium eos ipsum animi repellendus iste expedita cupiditate! In est rem repudiandae, totam iste omnis suscipit, fuga ea veritatis numquam voluptate, itaque alias.

Lore ipsum dolor sit amet consectetur, adipisicing elit. Id esse incident dolorum ab, velit deserunt vel modi tempore necessitatibus praesentium odio perferendis itaque fugit totam aliquam corporis voluptas nobis, excepturi repudiandae delectus. Error ipsa ex sint similiqe vitae voluptates ab earum esse! Provident, aut vel quidem, ratione ipsa voluptatibus laudantium eius delectus quia earum hic architecto alias consequatur eum repellat accusantium eos ipsum animi repellendus iste expedita cupiditate! In est rem repudiandae, totam iste omnis suscipit, fuga ea veritatis numquam voluptate, itaque alias.

# 13 Outline in CSS

```
1  <!DOCTYPE html>
2  <html lang="en">
3      <head>
4          <meta charset="UTF-8" />
5          <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6          <title>Document</title>
7          <link rel="stylesheet" href="13 Outline ic CSS.css" />
8          <script src="jquery.js"></script>
9      </head>
10
11     <body>
12
13         <p>
14             Lorem ipsum, dolor sit amet consectetur adipisicing elit. Soluos sint eum
15             tenetur!
16         </p>
17
18     </body>
19 </html>
20
```

## 13 Outline in CSS

```
1 body{  
2     background-color: aqua;  
3 }  
4  
5 p{  
6     margin: 50px;  
7     border: 1px solid black;  
8  
9     outline-width: 10px;  
10    outline-style: solid;  
11    outline-color: green;  
12    outline-offset: 20px;  
13 }
```

**LOREM IPSUM**, dolor sit amet consectetur adipisicing elit. Solu os sint eum tenetur!

## 14 Box Model



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="14 Box Model.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   <div class="box-model">This is a div Tag</div>
14
15   <p>This is P Tag.</p>
16
17 </body>
18 </html>
```

## 14 Box Model

```
1 body{background-color: aqua;}
2
3 .box-model{
4   background-color: antiquewhite;
5   width: 500px;
6   height: 30px;
7   padding: 5px ;
8   border: 5px solid black;
9   margin: 5px;
10 }
11
12 p{
13   margin-left: 15px;
14   margin-right: 15px;
15 }
```

## 14 Box Model

This is a div Tag

This is P Tag.

```
<!DOCTYPE html>
<html lang="en">
  <head> ... </head>
  <body>
    <div class="box-model">This is a div Tag</div> == $0
    <p style="margin-left: 15px; margin-right: 15px; margin-right: 15px;">This is P Tag.</p>
    <!-- Code injected by live-server -->
    <script>...</script>
  </body>
</html>
```

html body div.box-model

Styles Computed Layout Event Listeners >

Filter :hover .cls + ↻

```
div { display: block; unicode-bidi: isolate; }
```

The diagram illustrates the box model for a div element with a width of 500px and a height of 30px. It shows four concentric rectangular layers: an outermost brown layer labeled 'margin' with a value of 5; a light orange layer labeled 'border' with a value of 5; a medium orange layer labeled 'padding' with a value of 5; and a central blue layer representing the content area with a dimension of 500x30. The padding layer is represented by a dashed line, while the other layers are solid.

## 15 Box sizing



```
1  <!DOCTYPE html>
2  <html lang="en">
3      <head>
4          <meta charset="UTF-8" />
5          <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6          <title>Document</title>
7          <link rel="stylesheet" href="15 box sizing.css" />
8          <script src="jquery.js"></script>
9      </head>
10
11     <body>
12
13         <div class="div1">Div-1</div>
14         <br />
15         <br />
16         <div class="div2">Div-2</div>
17
18     </body>
19 </html>
```

## 15 Box sizing

```
1 body{background-color: aqua;}\n2\n3\n4 .div1{\n5   background-color: orangered;\n6   width: 400px;\n7   height: 100px;\n8   border: 20px solid black;\n9   padding: 50px;\n10  box-sizing: border-box; /*Box sizing fixed*/\n11 }\n12\n13 .div2{\n14   background-color: aliceblue;\n15   width: 400px;\n16   height: 100px;\n17   border: 20px solid black;\n18   padding: 50px;\n19 }
```

Div-1

Div-2

# 16 Text formatting

```
1  <!DOCTYPE html>
2  <html lang="en">
3      <head>
4          <meta charset="UTF-8" />
5          <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6          <title>Document</title>
7          <link rel="stylesheet" href="16 Text formatting.css" />
8          <script src="jquery.js"></script>
9      </head>
10
11     <body>
12
13         <div class="text">
14             <p>
15                 Lorem ipsum dolor sit amet consectetur adipisicing elit. Eius sit harum
16                 eos corrupti, ea repellendus officiis dolore porro suscipit minus
17                 similique consectetur delectus fuga ab?
18             </p>
19         </div>
20
21         <div class="text1">
22             <p>
23                 Lorem ipsum dolor sit amet consectetur adipisicing elit. Eius sit harum
24                 eos corrupti, ea repellendus officiis dolore porro suscipit minus
25                 similique consectetur delectus fuga ab?
26             </p>
27         </div>
28
29         <div class="text2">
30             <p>
31                 Lorem ipsum dolor sit amet consectetur adipisicing elit. Eius sit harum
32                 eos corrupti, ea repellendus officiis dolore porro suscipit minus
33                 similique consectetur delectus fuga ab?
34             </p>
35         </div>
36
37         <div class="text3">
38             <p>
39                 Lorem ipsum dolor sit amet consectetur
40                  adipisicing elit. Eius sit harum
41                 eos corrupti, ea repellendus officiis dolore porro suscipit minus
42                 similique consectetur delectus fuga ab?
43             </p>
44         </div>
45
46     </body>
47 </html>
```

## 16 Text formatting

```
● ● ●

1 body{background-color: aqua;}
2
3 .text{
4   border: 1px solid black;
5   width: 500px;
6   height:200px;
7   margin: 50px auto;
8
9   color: red;
10  text-align: justify;           /*right, left,center,justify*/
11  text-align-last: right;      /*text-align-last: right;*/
12 }
13
14 .text1{
15   border: 1px solid black;
16   width: 500px;
17   height:200px;
18   margin: 50px auto;
19
20   text-indent: 150px;          /* text-indent: 150px; */
21 }
22
23 .text2{
24   border: 1px solid black;
25   width: 500px;
26   height:200px;
27   margin: 50px auto;
28
29   direction: rtl;            /* direction: rtl,ltr; */
30 }
31
32
33 .text3{border: 1px solid black;
34   width: 500px;
35   height:200px;
36   margin: 50px auto;}
37 img{
38   width: 100px;
39   border: 1px solid red;
40   vertical-align: top;        /*vertical-align: top,middle,bottom*/
41 }
```

## 16 Text formatting

Lorem ipsum dolor sit amet consectetur adipisicing elit. Eius sit harum eos corrupti, ea repellendus officiis dolore porro suscipit minus similiique consectetur delectus fuga ab?

Lorem ipsum dolor sit amet consectetur adipisicing elit. Eius sit harum eos corrupti, ea repellendus officiis dolore porro suscipit minus similiique consectetur delectus fuga ab?

Lorem ipsum dolor sit amet consectetur adipisicing elit. Eius sit harum eos corrupti, ea repellendus officiis dolore porro suscipit minus similiique consectetur delectus fuga ab

Lorem ipsum dolor sit amet consectetur adipisicing elit. Eius sit harum eos corrupti, ea repellendus officiis dolore porro suscipit minus similiique consectetur delectus fuga ab?



## 17 Text formatting-2

## 17 Text formatting-2



```
1 body{background-color: aqua;}
2
3
4 .text{
5   border: 1px solid black;
6   width: 500px;
7   height:200px;
8   margin: 50px auto;
9
10  text-decoration: underline; /*overline,underline,line-through,none*/
11  text-transform: lowercase ; /*uppercase,lowercase,capitalize*/
12  word-spacing: 20px;
13  letter-spacing: 1px;
14  line-height: 30px;
15
16  /* white-space:nowrap; pre,nowrap (word space, no line space) */
17  word-wrap: break-word; /* Big Word rrrrrrrrrr*/
18 }
19
20 h1{
21   text-shadow: 10px 10px 4px red;
22 }
23
24 h2{
25   border: 2px solid black;
26   width: 200px;
27
28   writing-mode: vertical-rl; /*vertical-lr, vertical-rl*/
29 }
```

## 17 Text formatting-2

lorem ipsum dolor sit amet  
consectetur  
adipisicing elit. eius sit harum eos  
corrupti, ea repellendus officiis dolore porro  
suscipit minus similique consectetur delectus fuga  
ab?

Hello Bangladesh

Hello Bangladesh

## 18 links



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="18 link.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   <a href="https://www.youtube.com/" target="_blank">Youtube</a>
14
15 </body>
16 </html>
```

## 18 links



```
1 body{background-color: aqua;}\n2\n3\n4 a{\n5   text-decoration: none;\n6   background-color:rgb(37, 207, 22);\n7   padding: 5px 20px;\n8   transition: 0.5s;\n9   border-radius: 5px;\n10 }\n11\n12 a:Link{color:black;}\n13 a:visited{color: yellowgreen;}\n14 a:hover{ color: blue; background-color: red; transition:0.5s; }\n15 a:active{color: white;}
```

Youtube

# 19 Fonts



```
1  <!DOCTYPE html>
2  <html lang="en">
3      <head>
4          <meta charset="UTF-8" />
5          <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6          <title>Document</title>
7          <link rel="stylesheet" href="19 Fonts.css" />
8          <script src="jquery.js"></script>
9      </head>
10
11     <body>
12
13         <div id="box">
14             <h1>Programming Shikhbo</h1>
15
16             <p>
17                 Lorem, ipsum dolor sit amet consectetur adipisicing elit. Aliquam
18                 exercitationem facere, facilis odit ducimus saepe aperiam laborum magni
19                 ipsa consequuntur sit corporis libero consectetur mollitia, maxime eos
20                 autem assumenda atque voluptatem excepturi sequi corrupti quisquam
21                 repudiandae earum? Beatae quibusdam, velit repellendus hic doloribus
22                 alias mollitia ipsa, quaerat culpa veniam consectetur.
23             </p>
24         </div>
25
26     </body>
27 </html>
```

# 19 Fonts

```
1 body{background-color: aqua;}\n2\n3 #box{\n4     width: 600px;\n5     border: 2px solid black;\n6     margin: 50px auto;\n7     text-align: center;\n8 }\n9\n10 #box p{                      /* #box p */\n11     font-size: 30px;\n12     font-weight: bold;          /* bold,bolder,normal,lighter,(1-100); */\n13     font-style: italic;        /*normal,oblique*/\n14     font-variant: small-caps;\n15     font-family: monospace;\n16     text-transform: capitalize; /*uppercase, capitalize*/\n17 }\n18\n19 #box h1 {\n20     font: oblique small-caps bold 25px monospace;\n21 }
```

PROGRAMMING SHIKHBO

*LOREM, IPSUM DOLOR SIT AMET CONSECTETUR  
ADIPISICING ELIT. ALIQUAM EXERCITATIONEM  
FACERE, FACILIS ODIS DUCIMUS SAEPE APERIAM  
LABORUM MAGNI IPSA CONSEQUUNTUR SIT CORPORIS  
LIBERO CONSECTETUR MOLLITIA, MAXIME EOS AUTEM  
ASSUMENDA ATQUE VOLUPTATEM EXCEPTURI SEQUI  
CORRUPTI QUISQUAM REPUDIANDAE EARUM? BEATAE  
QUIBUSDAM, VELIT REPELLENDUS HIC DOLORIBUS  
ALIAS MOLLITIA IPSA, QUAERAT CULPA VENIAM  
CONSECTETUR.*

# 20 -21 Google Font

```
1  <!DOCTYPE html>
2  <html lang="en">
3    <head>
4      <meta charset="UTF-8" />
5      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6      <title>Document</title>
7      <link rel="stylesheet" href="20 Google Font.css" />
8      <script src="jquery.js"></script>
9      <link rel="preconnect" href="https://fonts.googleapis.com" />
10     <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin />
11     <link
12       href="https://fonts.googleapis.com/css2?family=Carter+One&family=Roboto+Mono:ital,wght@0,100..700;1,100..700&display=swap"
13       rel="stylesheet"
14     />
15   </head>
16
17   <body class="text">
18     <h1>Hello Bangladsh.</h1>
19     <p>
20       Lorem ipsum, dolor sit amet consectetur adipisicing elit. Tenetur
21       dignissimos fugit accusantium error deserunt esse pariatur maxime, tempore
22       voluptatem, dolor et at libero quam. Nostrum nobis temporibus sed
23       expedita, eius autem porro qui iste tempore accusamus consequuntur
24       praesentium cumque suscipit voluptas eveniet labore iure aperiam? Dolore
25       doloribus ipsa illum at.
26     </p>
27     <p id="p">
28       Lorem ipsum dolor sit amet consectetur, adipisicing elit. Dignissimos
29       similique labore ad voluptatum vel repellat explicabo numquam consequatur
30       assumenda aliquid nisi illo dolor eveniet repellendus blanditiis, nobis
31       nam nemo, praesentium itaque quo ex dolorem, hic voluptate. Sapiente
32       cupiditate et perspiciatis quidem, rem autem nostrum unde a exercitationem
33       dolorum natus reprehenderit.
34     </p>
35   </body>
36 </html>
```

## 20 -21 Google Font

```
1 body{background-color: aqua;}
2
3 .text{
4   font-family: "Carter One", system-ui;
5   font-weight: 400;
6   font-style: normal;
7 }
8
9 @font-face {
10   font-family:'hi by';
11   src: url('font/Hashing.ttf');
12 }
13
14 #p{
15   font-family:'hi by', monospace;
16   font-size: 30px;
17 }
```

**Hello Bangladsh.**

***Lorem ipsum, dolor sit amet consectetur adipisicing elit. Tenetur dignissimos fugit accusantium error deserunt esse pariatur maxime, tempore voluptatem, dolor et at libero quam. Nostrum nobis temporibus sed expedita, eius autem porro qui iste tempore accusamus consequuntur praesentium cumque suscipit voluptas eveniet labore iure aperiam? Dolore doloribus ipsa illum at.***

*Lorem ipsum dolor sit amet consectetur, adipisicing elit. Dignissimos similique labore ad voluptatum vel repellat explicabo numquam consequatur assumenda aliquid nisi illa dolor eveniet repellendus blanditiis, nobis nam nemo, praesentium itaque quo ex dolorem, hic voluptate. Sapiente cupiditate et perspiciatis quidem, rem autem nostrum unde a exercitationem dolorum natus reprehenderit.*

## 22 Units.html



```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Document</title>
7      <link rel="stylesheet" href="22 Units.css">
8      <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13     <div id="Parent">
14         <p>This is Parent DIV</p>
15
16         <div id="Child">
17             <p>This is Child DIV</p>
18         </div>
19
20     </div>
21
22 </body>
23 </html>
```

## 22 Units.html

```
1 body{background-color: aqua;}  
2  
3 html{  
4 font-size: 20px;  
5 }  
6  
7 #Parent{  
8 border: 1px solid black;  
9 /* width: 600px; */  
10 /* height: 50vh; */  
11 /* width: 50vw; */  
12 /* font-size: 40px; */  
13 font-size: 2rem;  
14  
15 }  
16  
17 #Child{  
18 border: 2px solid black;  
19 width: 50%;  
20 font-size: 2em;  
21  
22 }
```

This is Parent DIV

This is  
Child  
DIV

## 23 Important



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="23 Important.css">
8   <script src="jquery.js"></script>
9
10  <style>
11    h1{color: yellow;}
12  </style> <!-- No.2 Important -->
13
14 </head>
15 <body>
16
17  <h1 style="color: red;">Hello Bangladesh</h1>  <!-- No.1 Important -->
18
19  <h2 id="id" class="class"> Hello Bangladesh ID & Class</h2>
20
21 </body>
22 </html>
```

## 23 Important

```
● ● ●  
1 body{background-color: aqua;}  
2  
3  
4 h1{  
5   color: white;  
6 }      /* No.3 Important --> */  
7  
8  
9 .class{  
10   color: green !important;  
11 }  
12  
13 #id{  
14   color: blue;  
15 }
```

Hello Bangladesh

Hello Bangladesh ID & Class

## 24 Cursor

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="24 Cursor.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   <h1>Hello World</h1>
14
15
16 </body>
17 </html>
```

## 24 Cursor

```
1 body{background-color:aqua;}
2
3 h1{
4     background-color: orangered;
5     width: 200px;
6     padding: 5px 10px;
7     border-radius: 5px;
8     cursor: pointer ;
9 }
10
11
12 /* .alias {cursor: alias;} */
13 .all-scroll {cursor: all-scroll;}
14 .auto {cursor: auto;}
15 .cell {cursor: cell;}
16 .col-resize {cursor: col-resize;}
17 .context-menu {cursor: context-menu;}
18 .copy {cursor: copy;}
19 .crosshair {cursor: crosshair;}
20 .default {cursor: default;}
21 .e-resize {cursor: e-resize;}
22 .ew-resize {cursor: ew-resize;}
23 .grab {cursor: grab;}
24 .grabbing {cursor: grabbing;}
25 .help {cursor: help;}
26 .move {cursor: move;}
27 .n-resize {cursor: n-resize;}
28 .ne-resize {cursor: ne-resize;}
29 .nesw-resize {cursor: nesw-resize;}
30 .ns-resize {cursor: ns-resize;}
31 .nw-resize {cursor: nw-resize;}
32 .nwse-resize {cursor: nwse-resize;}
33 .no-drop {cursor: no-drop;}
34 .none {cursor: none;}
35 .not-allowed {cursor: not-allowed;}
36 .pointer {cursor: pointer;}
37 .progress {cursor: progress;}
38 .row-resize {cursor: row-resize;}
39 .s-resize {cursor: s-resize;}
40 .se-resize {cursor: se-resize;}
41 .sw-resize {cursor: sw-resize;}
42 .text {cursor: text;}
43 .url {cursor: url(myBall.cur),auto;}
44 .w-resize {cursor: w-resize;}
45 .wait {cursor: wait;}
46 .zoom-in {cursor: zoom-in;}
47 .zoom-out {cursor: zoom-out;} */
```

Hello World

## 24 Cursor

## 25 Box Shadow



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="25 Box Shadow.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   <div> Box-Shadow </div>
14
15 </body>
16 </html>
```

## 25 Box Shadow



```
1 body{background-color:aqua}
2
3 div{
4   border: 1px solid blue;
5   width: 150px;
6   padding: 20px;
7   text-align: center;
8   margin: 50px auto;
9   background-color: green;
10 /* box-shadow: 10px 10px 5px 0px red inset; */
11 box-shadow: 10px 10px 5px 0px red, -10px 10px 5px 0px black;
12 }
```



Box-Shadow

## 26 Opacity



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="26 Opacity.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   
14
15   <div id="color-box">
16     <h1>Hello Opacity</h1>
17   </div>
18
19 </body>
20 </html>
```

## 26 Opacity

```
1 body{background-color: rgb(21, 255, 0);}
2
3 img:hover{
4   opacity: 0.7;
5 }
6
7 #color-box{
8   background-image: url('image/web.png');
9   background-repeat: no-repeat;
10  background-size: cover;
11  width: 500px;
12  height: 500px;
13
14 }
15
16 #color-box h1{
17   background-color: blueviolet;
18   color: white;
19   padding: 30px 0px;
20   text-align: center;
21
22 }
23
24 #color-box h1:hover{
25   opacity: 0.2;
26 }
27
```

## 26 Opacity



## 27 Filter

```
● ● ●  
1 <!DOCTYPE html>  
2 <html lang="en">  
3 <head>  
4   <meta charset="UTF-8">  
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">  
6   <title>Document</title>  
7   <link rel="stylesheet" href="27 Filter .css">  
8   <script src="jquery.js"></script>  
9  
10 </head>  
11 <body>  
12  
13     
14  
15 </body>  
16 </html>
```

## 27 Filter

```
1 body{background-color: aqua;}  
2  
3 img{  
4 /* filter: blur(5px); */  
5 /* filter: brightness(900%); */  
6 /* filter: contrast(900%); */  
7 /* filter: drop-shadow(-10px -10px 5px red); */  
8 /* filter: grayscale(100%); */  
9 /* filter: hue-rotate(360deg); */  
10 /* filter: invert(100%); */  
11 /* filter: opacity(100%); */  
12 /* filter: saturate(900%); */  
13 /* filter: sepia(100%); */  
14 /* filter: none; */  
15 filter: blur(2px) contrast(200%);  
16 }
```



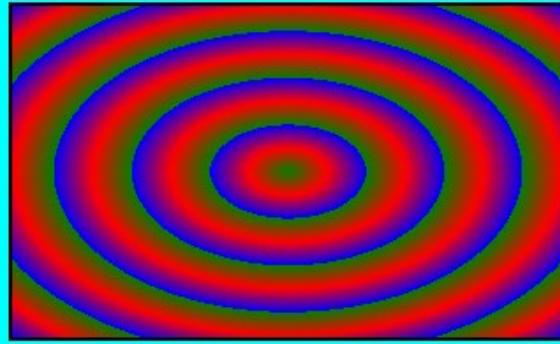
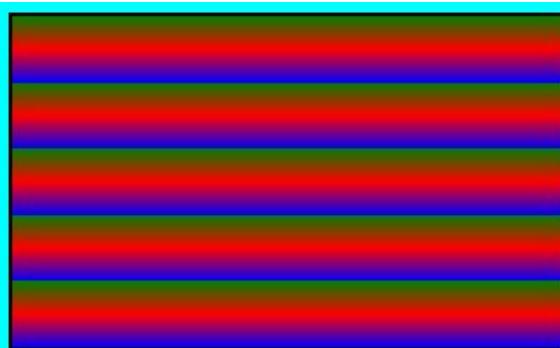
## 28 Gradient color



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="28 Gradient color.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   <div id="div"></div>
14
15   <div id="s-div"></div>
16
17 </body>
18 </html>
```

## 28 Gradient color

```
1 body{background-color: aqua;}
2
3
4 #div{
5   width: 250px;
6   height: 150px;
7   border: 2px solid black;
8   margin: auto;
9   /* background: repeating-linear-gradient(|to bottom right|, green 30%,red 20px, blue); |70deg| */
10  background: repeating-linear-gradient(green 20%, red 30%, blue 40%);
11 }
12
13
14 #s-div{
15   width: 250px;
16   height: 150px;
17   border: 2px solid black;
18   margin: 30px auto;
19   /* background: radial-gradient(circle,green 20%, red, blue, yellow); */
20   /* background: radial-gradient(closest-side at 20% 30%,green 20%, red, blue, yellow); */
21   /* background: radial-gradient(farthest-side at 20% 30%,green 20%, red, blue, yellow); */
22   background: repeating-radial-gradient(green 20%, red 30%, blue 40%);
23 }
```



## 29 Overflow

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6     <title>Document</title>
7     <link rel="stylesheet" href="29_Overflow.css" />
8     <script src="jquery.js"></script>
9   </head>
10
11  <body>
12    <div id="div">
13      
14      Lorem ipsum dolor sit amet consectetur adipisicing elit. Incidunt
15      doloremque itaque provident in nobis saepe dicta praesentium qui cumque,
16      nulla delectus repellat est aliquid maxime similique, harum non sequi
17      quaerat minus aperiam magnam libero esse atque. Non magni, ab delectus est
18      saepe aut libero suscipit repellendus atque soluta veritatis quae enim
19      dolorem temporibus adipisci architecto fugit qui. Beatae sit vero alias
20      reiciendis quasi eligendi inventore fugit? Quaerat voluptatum, mollitia
21      voluptates harum voluptas aspernatur ad necessitatibus accusantium, minus
22      perferendis, ex architecto ab accusamus aut itaque cum debitis eos.
23      Expedita ut culpa obcaecati quibusdam nam consectetur, quia sint
24      molestiae, sed ullam quasi impedit consequatur deserunt ab cumque
25      necessitatibus! Distinctio ipsam excepturi labore officia voluptates
26      reprehenderit sunt officiis, aliquam aut laborum expedita provident iusto
27      laudantium rem. Qui ipsam, facere voluptas, eligendi aliquam illum
28      molestiae optio eius quibusdam facilis eum animi ipsa sequi, sit numquam.
29      Nemo distinctio voluptate cum nostrum adipisci facilis blanditiis
30      quaerat?Lorem ipsum dolor sit amet consectetur adipisicing elit. Incidunt
31      doloremque itaque provident in nobis saepe dicta praesentium qui cumque,
32      nulla delectus repellat est aliquid maxime similique, harum non sequi
33      quaerat minus aperiam magnam libero esse atque. Non magni, ab delectus est
34      saepe aut libero suscipit repellendus atque soluta veritatis quae enim
35      dolorem temporibus adipisci architecto fugit qui. Beatae sit vero alias
36      reiciendis quasi eligendi inventore fugit? Quaerat voluptatum, mollitia
37      voluptates harum voluptas aspernatur ad necessitatibus accusantium, minus
38      perferendis, ex architecto ab accusamus aut itaque cum debitis eos.
39      Expedita ut culpa obcaecati quibusdam nam consectetur, quia sint
40      molestiae, sed ullam quasi impedit consequatur deserunt ab cumque
41      necessitatibus! Distinctio ipsam excepturi labore officia voluptates
42      reprehenderit sunt officiis, aliquam aut laborum expedita provident iusto
43      laudantium rem. Qui ipsam, facere voluptas, eligendi aliquam illum
44      molestiae optio eius quibusdam facilis eum animi ipsa sequi, sit numquam.
45      Nemo distinctio voluptate cum nostrum adipisci facilis blanditiis quaerat?
46    </div>
47  </body>
48 </html>
```

## 29 Overflow

```
1 body{background-color: aqua;}
2
3 #div{
4     width: 500px;
5     height: 300px;
6     border: 2px solid black;
7     background-color: orangered;
8     margin: auto;
9
10    overflow: auto;
11   /* overflow: scroll; */
12   /* overflow: visible; */
13   /* overflow: hidden; */
14
15   /* overflow-x: scroll; */
16   /* overflow-y: scroll; */
17 }
```

## 29 Overflow



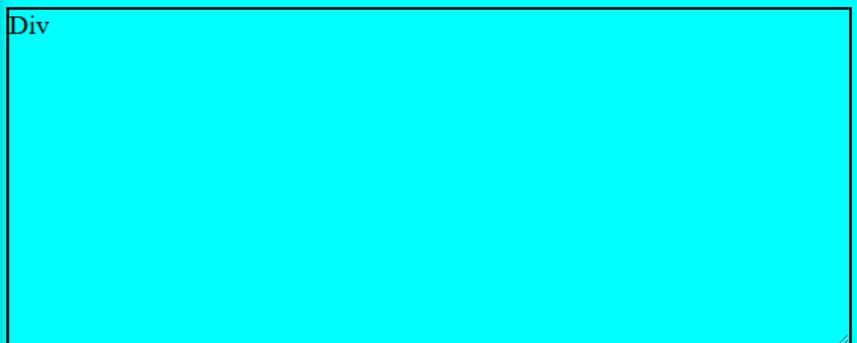
Lorem ipsum dolor sit amet consectetur adipisicing elit. Incidunt doloremque itaque provident in nobis saepe dicta praesentium qui cumque, nulla delectus repellat est aliquid maxime similique, harum non sequi quaerat minus aperiam magnam libero esse atque. Non magni, ab delectus est saepe aut libero suscipit repellendus atque soluta veritatis quae enim dolorem temporibus adipisci architecto fugit qui. Beatae sit vero alias reiciendis quasi eligendi inventore fugit? Quaerat voluntatum, mollitia voluntates harum voluntas aspernatur ad.

## 30 Tag Resize Property

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="30 Tag Resize Property.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   <div id="div"> Div</div>
14
15   <textarea class="area" name="" id=""> Text Area..</textarea>
16
17 </body>
18 </html>
```

## 30 Tag Resize Property

```
1 #div{  
2   width: 500px;  
3   height: 200px;  
4   border: 2px solid black;  
5  
6   overflow: auto;  
7   resize: both; /*none, both, horizontal, vertical*/  
8 }  
9  
10  
11  
12 .area{  
13   width: 500px;  
14   height: 200px;  
15   margin-top: 20px;  
16   resize: none;  
17 }
```



Text Area..

## 31 List-Style

```
● ● ●  
1 <!DOCTYPE html>  
2 <html lang="en">  
3 <head>  
4   <meta charset="UTF-8">  
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">  
6   <title>Document</title>  
7   <link rel="stylesheet" href="31 List-Style.css">  
8   <script src="jquery.js"></script>  
9  
10 </head>  
11 <body>  
12  
13   <ul>  
14     <li>UL List-1</li>  
15     <li>UL List-2</li>  
16     <li>UL List-3</li>  
17     <li>UL List-4</li>  
18     <li>UL List-5</li>  
19   </ul>  
20   <hr>  
21   <ol>  
22     <li>Li List-1</li>  
23     <li>Li List-2</li>  
24     <li>Li List-3</li>  
25     <li>Li List-4</li>  
26     <li>Li List-5</li>  
27   </ol>  
28  
29 </body>  
30 </html>
```

## 31 List-Style



```
1 body{background-color: aqua;}
2
3 ul{
4     /* list-style-type:square ;
5     list-style-position: inside;
6     list-style-image: url(image/check\ mark.png); */
7     list-style: circle inside url(image/check\ mark.png);
8 }
9
10 ul li{
11     border: 1px solid black;
12 }
13
14 ol{
15     list-style-type: decimal-leading-zero;
16     list-style-position: outside;
17 }
```

	UL List-1
	UL List-2
	UL List-3
	UL List-4
	UL List-5

- 01. Li List-1
- 02. Li List-2
- 03. Li List-3
- 04. Li List-4
- 05. Li List-5

## 32 List=Style-Type



```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Document</title>
7      <link rel="stylesheet" href="32 List=Style-Type.css">
8      <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13     <ul>
14         <li> item-1 </li>
15         <li> item-2 </li>
16         <li> item-3 </li>
17         <li> item-4 </li>
18         <li> item-5 </li>
19     </ul>
20
21 </body>
22 </html>
```

## 32 List=Style-Type



```
1 body{background-color: aqua;}  
2  
3  
4 ul{  
5   list-style-type: "𠮷";  
6   list-style-position: inside;  
7   line-height: 25px;  
8 }
```

- 𠮷 item-1
- 𠮷 item-2
- 𠮷 item-3
- 𠮷 item-4
- 𠮷 item-5

### 33 Table



```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Document</title>
7      <link rel="stylesheet" href="33 Table.css">
8      <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13
14 <table>
15     <caption>Table Style</caption>
16     <tr>
17         <th> Hrading No-1 It's Bangladesh is here.</th>
18         <th> Hrading No-2</th>
19         <th> Hrading No-3</th>
20     </tr>
21     <tr>
22         <td> Content-1</td>
23         <td> Content-2</td>
24         <td> Content-3</td>
25     </tr>
26     <tr>
27         <td> Content-4</td>
28         <td> Content-5</td>
29         <td> Content-6</td>
30     </tr>
31     <tr>
32         <td> Content-7</td>
33         <td> Content-8</td>
34         <td>           </td>
35     </tr>
36 </table>
37
38
39 </body>
40 </html>
```

## 33 Table

● ● ●

```
1 body{background-color: aqua;}  
2  
3 table{  
4   border: 1px solid black;  
5   width: 400px;  
6   border-collapse: separate;  
7   border-spacing: 20px 50px;  
8   empty-cells: hide;  
9   table-layout: fixed;  
10 }  
11  
12 th{  
13   border: 1px solid black;  
14   height: 70px;  
15   text-align: center;  
16 }  
17  
18 td{  
19   border: 1px solid black;  
20   width: 150px;  
21   height: 50px;  
22   text-align: center;  
23   vertical-align: middle; /* vertical-align: middle; */  
24   background-color: blueviolet;  
25 }  
26  
27 caption{  
28   caption-side: top;  
29   border: 1px solid black;  
30 }
```

### 33 Table

Table Style		
<b>Hrading No-1</b> It's <b>Bangladesh is here.</b>	<b>Hrading No-2</b>	<b>Hrading No-3</b>
Content-1	Content-2	Content-3
Content-4	Content-5	Content-6
Content-7	Content-8	

## 34 Initial Inherit

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Document</title>
7      <link rel="stylesheet" href="34 Initial Inherit.css">
8      <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13     <div id="parent">
14         <a id="Link-1" href=""> Link-1 </a> <br>
15         <a id="Link-2" href=""> Link-2 </a> <br>
16         <a id="Link-3" href=""> Link-3 </a> <br>
17         <a id="Link-4" href=""> Link-4 </a>
18     </div>
19
20 </body>
21 </html>
```

## 34 Initial Inherit

```
● ● ●  
1 body{background-color: aqua;}  
2  
3  
4 #parent{  
5   color: red;  
6   border: 2px solid black;  
7 } /* Parent Color, inherit*/  
8  
9 #Link-1{  
10   color: black;  
11 }  
12  
13 #Link-2{  
14   color: inherit; /* Parent Color,initial*/  
15   border: inherit;  
16 }  
17  
18 #Link-3{  
19   color: blue;  
20   border: inherit;  
21 }  
22  
23 #Link-4{  
24   color: inherit;  
25 }
```

Link-1

Link-2

Link-3

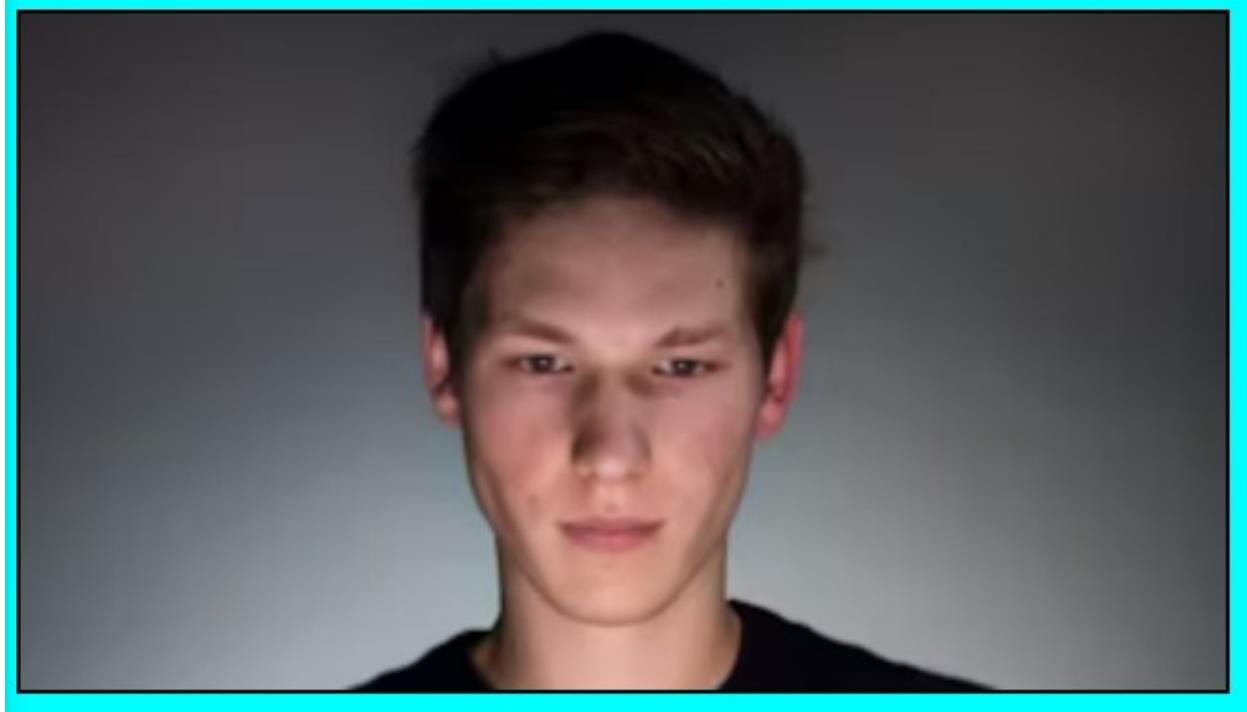
Link-4

## 35 Object fit

```
● ● ●  
1 <!DOCTYPE html>  
2 <html lang="en">  
3 <head>  
4   <meta charset="UTF-8">  
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">  
6   <title>Document</title>  
7   <link rel="stylesheet" href="35 Object fit.css">  
8   <script src="jquery.js"></script>  
9  
10 </head>  
11 <body>  
12  
13     
14  
15 </body>  
16 </html>
```

```
● ● ●  
1 body{background-color:aqua;}  
2  
3 img{  
4   border: 2px solid black;  
5   width: 500px;  
6   height: 280px;  
7   object-fit:cover;          /*contain,cover,fill*/  
8   object-position:top center; /*top,bottom,right,left,center,top center*/  
9 }
```

35 Object fit



# 36 Pseudo Element Selector

```
1  <!DOCTYPE html>
2  <html Lang="en">
3    <head>
4      <meta charset="UTF-8" />
5      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6      <title>Document</title>
7      <link rel="stylesheet" href="36 Pseudo Element Selector.css" />
8      <script src="jquery.js"></script>
9    </head>
10
11   <body>
12     <h1>Programimg Class: Pseudo Element</h1>
13     <p>
14       Lorem ipsum dolor sit amet consectetur, adipisicing elit. Ad odit nisi nam
15       quas excepturi quasi consequatur sint optio facere iure. Ut tempore nihil
16       minima. Reiciendis dolorem, voluptas maxime ea quidem veniam atque?
17       Maiores quo excepturi sapiente, repellat corporis magni harum veniam
18       tempora quaerat fugit est ut nostrum voluptatum deserunt ullam laudantium
19       quae ipsam nemo ratione blanditiis nesciunt rem quis provident?
20       Praesentium illo nostrum autem atque. Rem velit earum quisquam inventore
21       optio! Maiores iste modi error eligendi quidem, beatae facere consequuntur
22       voluptatibus aliquid sed, a hic blanditiis ipsa soluta harum dolores!
23     </p>
24
25     <p>
26       Vorem ipsum dolor sit amet consectetur, adipisicing elit. Ad odit nisi nam
27       quas excepturi quasi consequatur sint optio facere iure. Ut tempore nihil
28       minima. Reiciendis dolorem, voluptas maxime ea quidem veniam atque?
29       Maiores quo excepturi sapiente, repellat corporis magni harum veniam
30       tempora quaerat fugit est ut nostrum voluptatum deserunt ullam laudantium
31       quae ipsam nemo ratione blanditiis nesciunt rem quis provident?
32       Praesentium illo nostrum autem atque. Rem velit earum quisquam inventore
33       optio! Maiores iste modi error eligendi quidem, beatae facere consequuntur
34       voluptatibus aliquid sed, a hic blanditiis ipsa soluta harum dolores!
35     </p>
36
37     <p>
38       Morem ipsum dolor sit amet consectetur, adipisicing elit. Ad odit nisi nam
39       quas excepturi quasi consequatur sint optio facere iure. Ut tempore nihil
40       minima. Reiciendis dolorem, voluptas maxime ea quidem veniam atque?
41       Maiores quo excepturi sapiente, repellat corporis magni harum veniam
42       tempora quaerat fugit est ut nostrum voluptatum deserunt ullam laudantium
43       quae ipsam nemo ratione blanditiis nesciunt rem quis provident?
44       Praesentium illo nostrum autem atque. Rem velit earum quisquam inventore
45       optio! Maiores iste modi error eligendi quidem, beatae facere consequuntur
46       voluptatibus aliquid sed, a hic blanditiis ipsa soluta harum dolores!
47     </p>
48
49     First Name : <input class="fName" type="text" placeholder="First name"> <br><br>
50     Last Name:  <input type="text" placeholder="Last name"> <br><br>
51     Email Add : <input type="email" placeholder="Your email"> <br><br>
52     <textarea name="" id="" placeholder="Write your text..."></textarea>
53
54   </body>
55 </html>
56
```

## 36 Pseudo Element Selector

```
● ● ●  
1 body{background-color: aqua;}  
2  
3  
4 /* h1::before, ::after */  
5 h1::before{  
6   /* content: "Hello Bangladesh"; */  
7   content: url(image/check\ mark.png);  
8 }  
9  
10 /* p::first-letter */  
11 p::first-letter{  
12   color: red;  
13   font-size: 35px;  
14   font-weight: bold;  
15   background-color: white;  
16 }  
17  
18  
19 /* p::first-line */  
20 p::first-line{  
21   background-color: yellow;  
22   color: green;  
23 }  
24  
25  
26 p::selection{  
27   background-color: green;  
28   color: white;  
29 }  
30  
31 .fName::placeholder{  
32   color: red;  
33   font-size: 15px;  
34 }
```

# ✓ Programming Class: Pseudo Element

**L**orem ipsum dolor sit amet consectetur, adipisicing elit. Ad odit nisi nam quas excepturi quasi consequatur sint optio facere iure. Ut tempore nihil minima. Reiciendis dolorem, voluptas maxime ea quidem veniam atque? Maiores quo excepturi sapiente, repellat corporis magni harum veniam tempora quaerat fugit est ut nostrum voluptatum deserunt ullam laudantium quae ipsam nemo ratione blanditiis nesciunt rem quis provident? Praesentium illo nostrum autem atque. Rem velit earum quisquam inventore optio! Maiores iste modi error eligendi quidem, beatae facere consequuntur voluptatibus aliquid sed, a hic blanditiis ipsa soluta harum dolores!

**V**orem ipsum dolor sit amet consectetur, adipisicing elit. Ad odit nisi nam quas excepturi quasi consequatur sint optio facere iure. Ut tempore nihil minima. Reiciendis dolorem, voluptas maxime ea quidem veniam atque? Maiores quo excepturi sapiente, repellat corporis magni harum veniam tempora quaerat fugit est ut nostrum voluptatum deserunt ullam laudantium quae ipsam nemo ratione blanditiis nesciunt rem quis provident? Praesentium illo nostrum autem atque. Rem velit earum quisquam inventore optio! Maiores iste modi error eligendi quidem, beatae facere consequuntur voluptatibus aliquid sed, a hic blanditiis ipsa soluta harum dolores!

**M**orem ipsum dolor sit amet consectetur, adipisicing elit. Ad odit nisi nam quas excepturi quasi consequatur sint optio facere iure. Ut tempore nihil minima. Reiciendis dolorem, voluptas maxime ea quidem veniam atque? Maiores quo excepturi sapiente, repellat corporis magni harum veniam tempora quaerat fugit est ut nostrum voluptatum deserunt ullam laudantium quae ipsam nemo ratione blanditiis nesciunt rem quis provident? Praesentium illo nostrum autem atque. Rem velit earum quisquam inventore optio! Maiores iste modi error eligendi quidem, beatae facere consequuntur voluptatibus aliquid sed, a hic blanditiis ipsa soluta harum dolores!

First Name :

Last Name:

Email Add :

## 37 Pseudo Class Selection

```
● ● ●  
1  <!DOCTYPE html>  
2  <html lang="en">  
3  <head>  
4      <meta charset="UTF-8">  
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">  
6      <title>Document</title>  
7      <link rel="stylesheet" href="37 Pseudo Class Selection.css">  
8      <script src="jquery.js"></script>  
9  
10 </head>  
11 <body>  
12  
13     <ul>  
14         <li class="fId"> List-item-1 </li>  
15         <li> List-item-2 </li>  
16         <li> List-item-3 </li>  
17         <li> List-item-4 </li>  
18         <li> List-item-5 </li>  
19         <li> List-item-6 </li>  
20         <li> List-item-7 </li>  
21         <li> List-item-8 </li>  
22         <li> List-item-9 </li>  
23         <li> List-item-10 </li>  
24     </ul>  
25  
26     <input class="iText" type="text"> <br>  
27  
28     <input type="checkbox">  
29     <input type="checkbox">  
30     <input type="checkbox">  
31     <input type="checkbox">  
32     <input type="checkbox">  
33  
34 </body>  
35 </html>
```

## 37 Pseudo Class Selection

```
● ● ●  
1 body{background-color: aqua;}  
2  
3 li:first-child{  
4   color: red;  
5   font-size: 25px;  
6 }  
7  
8 li:Last-child{  
9   color:violet;  
10  font-size: 25px;  
11 }  
12  
13 li:nth-child(6){  
14   color: green;  
15   font-size: 25px;  
16 }  
17  
18 /* even,odd */  
19 li:nth-child(odd){  
20   color: orangered;  
21   font-size: 30px;  
22 }  
23  
24 li:nth-last-child(2){  
25   color:blue;  
26 }  
27  
28 /* li:nth-child(8n) */  
29 li:nth-child(7n+1){  
30   color: brown;  
31   font-size: 25px;  
32 }  
33  
34  
35 .iText:focus{  
36   border: 5px solid red;  
37   background-color: blueviolet;  
38   color: white;  
39 }  
40  
41  
42 input:checked{  
43   box-shadow: 0 0 0 2px red;  
44 }
```

- List-item-1
- List-item-2
- List-item-3
- List-item-4
- List-item-5
- List-item-6
- List-item-7
- List-item-8
- List-item-9
- List-item-10



## 38 Display Property



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="38 Display Property.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   <div class="Fdiv">This is First-Div</div>
14   <div class="Sdiv">This is Second-Div</div>
15
16   <br><br>
17   <span class="Fspan">Span-1</span>
18   <span class="Sspan">Span-2</span>
19
20   <a href="">anchor-1</a>
21   <a href="">anchor-2</a>
22
23 </body>
24 </html>
```

## 38 Display Property

```
1 body{background-color: aqua;}
2
3 .Fdiv{
4   border: 2px solid black;
5   height: 50px;
6   width: 40%;
7   display: inline-block;
8   /* display: none;  (kono ostittoi thakbe na)*/
9   /* visibility: hidden; (hidden hobe but jayga sarbe na)*/
10 }
11
12 .Sdiv{
13   border: 2px solid red;
14   height: 50px;
15   width: 40%;
16   display: inline-block;
17 }
18
19 .Fspan{
20   border: 1px solid black;
21   height: 50px;           /*Not Working for inline tag*/
22   width: 40%;            /*Not Working for inline tag*/
23 }
24
25 .Sspan{
26   border: 1px solid black;
27   display: block;        /* Inline tag to Block Tag*/
28 }
```

This is First-Div

This is Second-Div

Spen-1

Spen-2

anchor-1 anchor-2

# 39 Position Property

```
1  <!DOCTYPE html>
2  <html lang="en">
3      <head>
4          <meta charset="UTF-8" />
5          <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6          <title>Document</title>
7          <link rel="stylesheet" href="39 Psition Property I.css" />
8          <script src="jquery.js"></script>
9      </head>
10     <body>
11         <h1>Programimg : CSS Position</h1>
12
13         <div class="parent">
14             <div class="one">Div-1</div>
15             <div class="twe">Div-2</div>
16             <div class="three">Div-3</div>
17             <div class="four">Div-4</div>
18             <div class="five">Div-5</div>
19         </div>
20
21         <p>
22             Lorem ipsum dolor sit amet, consectetur adipisicing elit. Nesciunt dolor
23             debitis necessitatibus quas velit quo quod non? Aliquid, doloribus
24             repellendus. Officia odio quos deserunt placeat debitis aliquam
25             dignissimos minima rem, culpa ullam alias. Commodo architecto neque minima
26             voluptatibus quam recusandae natus similique ex, et vel optio. Optio
27             doloribus deserunt quibusdam. Lorem ipsum dolor sit amet, consectetur
28             adipisicing elit. Nesciunt dolor debitis necessitatibus quas velit quo
29             quod non? Aliquid, doloribus repellendus. Officia odio quos deserunt
30             placeat debitis aliquam dignissimos minima rem, culpa ullam alias. Commodo
31             architecto neque minima voluptatibus quam recusandae natus similique ex,
32             et vel optio. Optio doloribus deserunt quibusdam. Lorem ipsum dolor sit
33             amet, consectetur adipisicing elit. Nesciunt dolor debitis necessitatibus
34             quas velit quo quod non? Aliquid, doloribus repellendus. Officia odio quos
35             deserunt placeat debitis aliquam dignissimos minima rem, culpa ullam
36             alias. Commodo architecto neque minima voluptatibus quam recusandae natus
37             similique ex, et vel optio. Optio doloribus deserunt quibusdam. Lorem ipsum
38             dolor sit amet, consectetur adipisicing elit. Nesciunt dolor debitis
39             necessitatibus quas velit quo quod non? Aliquid, doloribus repellendus.
40             Officia odio quos deserunt placeat debitis aliquam dignissimos minima rem,
41             culpa ullam alias. Commodo architecto neque minima voluptatibus quam
42             recusandae natus similique ex, et vel optio. Optio doloribus deserunt
43             quibusdam. Lorem ipsum dolor sit amet, consectetur adipisicing elit.
44             Nesciunt dolor debitis necessitatibus quas velit quo quod non? Aliquid,
45             doloribus repellendus. Officia odio quos deserunt placeat debitis aliquam
46             dignissimos minima rem, culpa ullam alias. Commodo architecto neque minima
47             voluptatibus quam recusandae natus similique ex, et vel optio. Optio
48             doloribus deserunt quibusdam. Lorem ipsum dolor sit amet, consectetur
49             adipisicing elit. Nesciunt dolor debitis necessitatibus quas velit quo
50             quod non? Aliquid, doloribus repellendus. Officia odio quos deserunt
51             placeat debitis aliquam dignissimos minima rem, culpa ullam alias. Commodo
52             architecto neque minima voluptatibus quam recusandae natus similique ex,
53             et vel optio. Optio doloribus deserunt quibusdam.
54         </p>
55     </body>
56 </html>
```

# 39 Position Property

```
1 body{background-color: aqua;}
2
3 h1{
4   background-color: white;
5   position: sticky;
6   top: 0px;
7
8 }
9
10 .parent{
11   width: 600px;
12   border: 2px solid red;
13   margin: auto;
14   padding: 56px;
15   /* position: relative; */
16 }
17
18 .one{
19   width:100px;
20   height: 100px;
21   background-color: green;
22   display: inline-block;
23   position: relative;           /*position: relative;*/
24   right: 60px;
25   bottom:60px;
26 }
27
28 .two{
29   width:100px;
30   height: 100px;
31   background-color: blue;
32   display: inline-block;
33   position: absolute;          /*position: absolute;*/
34   /* top: 0px;
35   left: 0px; */
36 }
37
38 .three{
39   width:110px;
40   height: 110px;
41   background-color: blueviolet;
42   display: inline-block;
43 }
44
45 .four{
46   width:100px;
47   height: 100px;
48   background-color: red;
49   display: inline-block;
50   position: fixed;
51   top: 20px;
52   right:50px;
53 }
54
55 }
56
57 .five{
58   width:100px;
59   height: 100px;
60   background-color: orangered;
61   display: inline-block;
62 }
```

# 39 Position Property



**L**orem ipsum dolor sit amet, consectetur adipisicing elit. Nesciunt dolor debitis necessitatibus quas velit quo quod non? Aliquid, doloribus repellendus. Officia odio quos deserunt placeat debitis aliquam dignissimos minima rem, culpa ullam alias. Commodo architecto neque minima voluptatibus quam recusandae natus similiqe ex, et vel optio. Optio doloribus deserunt quibusdam. **L**orem ipsum dolor sit amet, consectetur adipisicing elit. Nesciunt dolor debitis necessitatibus quas velit quo quod non? Aliquid, doloribus repellendus. Officia odio quos deserunt placeat debitis aliquam dignissimos minima rem, culpa ullam alias. Commodo architecto neque minima voluptatibus quam recusandae natus similiqe ex, et vel optio. Optio doloribus deserunt quibusdam. **L**orem ipsum dolor sit amet, consectetur adipisicing elit. Nesciunt dolor debitis necessitatibus quas velit quo quod non? Aliquid, doloribus repellendus. Officia odio quos deserunt placeat debitis aliquam dignissimos minima rem, culpa ullam alias. Commodo architecto neque minima voluptatibus quam recusandae natus similiqe ex, et vel optio. Optio doloribus deserunt quibusdam. **L**orem ipsum dolor sit amet, consectetur adipisicing elit. Nesciunt dolor debitis necessitatibus quas velit quo quod non? Aliquid, doloribus repellendus. Officia odio

## 40 Calc or var Function

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Document</title>
7      <link rel="stylesheet" href="40 Calc or var Funcation.css">
8      <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13     <div class="func"></div>
14
15     <button> Button-1 </button>
16     <button> Button-2 </button>
17     <button> Button-3 </button>
18     <button> Button-4 </button>
19
20 </body>
21 </html>
```

## 40 Calc or var Function

```
1 body{background-color: aqua;}
2
3 :root{
4   --initianColor: green;
5   --buttonColor: red;
6   --textColor: white;
7 }
8
9 .func{
10   background-color: var(--initianColor);
11   height: 250px;
12   width: calc(100% - 180px);
13   margin-bottom: 20px;
14 }
15
16 button{
17   background-color: var(--buttonColor);
18   color: var(--textColor);
19   padding: 10px 20px ;
20   border-radius: 5px;
21   cursor: pointer;
22 }
```

Button-1

Button-2

Button-3

Button-4

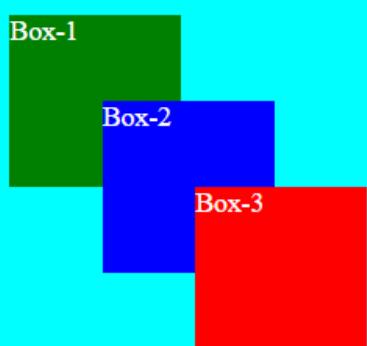
# 41 Z-index or Layers



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="41 Z-index or Layers.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   <div class="parent">
14     <div class="one"> Box-1 </div>
15     <div class="two"> Box-2 </div>
16     <div class="three"> Box-3 </div>
17
18   </div>
19
20 </body>
21 </html>
```

# 41 Z-index or Layers

```
● ● ●  
1 body{background-color:aqua}  
2  
3  
4 .parent{  
5   width: 50%;  
6   margin: auto;  
7   padding: 25px;  
8   color: white;  
9 }  
10  
11  
12 .one{  
13   width: 100px;  
14   height: 100px;  
15   background-color: green;  
16   display: inline-block;  
17   position: relative;      /*Must Position use*/  
18   z-index: 1;              /* Use z-index property*/  
19 }  
20  
21 .two{  
22   width: 100px;  
23   height: 100px;  
24   background-color: blue;  
25   display: inline-block;  
26   position: relative;      /*Must Position use*/  
27   top: 50px;  
28   right: 50px;  
29   z-index: 2;              /* Use z-index property*/  
30 }  
31  
32 .three{  
33   width: 100px;  
34   height: 100px;  
35   background-color: red;  
36   display: inline-block;  
37   position: relative;      /*Must Position use*/  
38   top: 100px;  
39   right: 100px;  
40   z-index: 3;              /* Use z-index property*/  
41 }  
42  
43
```



## 42 Float and Clear

```
● ● ●
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6     <title>Document</title>
7     <link rel="stylesheet" href="42 Float and Clear.css" />
8     <script src="jquery.js"></script>
9   </head>
10
11 <body>
12   
13
14   <p>
15     Lorem ipsum, dolor sit amet consectetur adipisicing elit. Repudiandae
16     ratione natus, earum odio maiores sed eaque beatae incidunt nisi soluta
17     deleniti ut corrupti aperiam, amet inventore. Id aspernatur exercitationem
18     dolor ut nesciunt amet sed, eum obcaecati, delectus repudiandae soluta
19     culpa. Quae suscipit ipsam ut perspiciatis debitis voluptas error nihil,
20     vitae explicabo odit dicta eaque sed cupiditate quibusdam, ipsa
21     accusantium necessitatibus pariatur maxime doloremque est possimus.
22     Quaerat nemo aut ab quam, ad debitis temporibus aspernatur, numquam
23     architecto quo sequi? Labore ad consectetur illo ullam pariatur itaque
24     ipsam, placeat aperiam laudantium provident voluptatibus voluptas
25     molestias odio recusandae a autem sapiente tenetur molestiae reprehenderit
26     iusto sit eligendi quasi laborum soluta. Sint adipisci cum exercitationem
27     obcaecati ipsa doloribus aspernatur corrupti nesciunt consectetur
28     accusantium aliquid, ducimus tenetur iste modi rerum porro? Illo molestias
29     eius perferendis sequi id adipisci animi consequuntur exercitationem culpa
30     saepe repellendus rem consectetur ut fuga consequatur corporis nam
31     delectus labore blanditiis commodi maxime earum, sed at. Nesciunt nulla
32     pariatur nemo itaque quod facere eius quibusdam quam voluptas commodi
33     omnis debitis architecto maxime, voluptates nam esse. Perspiciatis odit
34     iste vero dolor et ipsum corporis consequatur laudantium aspernatur enim,
35     sunt facilis, vel beatae pariatur explicabo perferendis dolorem voluptate
36     neque expedita soluta consectetur. Odio, nihil!
37   </p>
38
39   <p class="p">
40      Lorem ipsum dolor sit amet consectetur
41     adipisicing elit. Repudiandae sapiente fugit blanditiis perspiciatis,
42     magnam, porro, totam obcaecati illum perferendis doloremque facilis quo
43     inventore tenetur numquam sunt vitae consequatur qui. Earum atque
44     accusantium ut, at impedit nemo fugiat perspiciatis veniam distinctio
45     veritatis minus. Accusantium adipisci sequi omnis vel culpa excepturi
46     animi?
47   </p>
48
49   <div class="one">
50     Lorem ipsum dolor sit amet consectetur adipisicing elit. Officia
51     consectetur laborum sed numquam libero dolorum fugit minus molestias
52     delectus vero.
53   </div>
54
55   <div class="two">
56     Lorem ipsum dolor sit amet consectetur adipisicing elit. Officia
57     consectetur laborum sed numquam libero dolorum fugit minus molestias
58     delectus vero. Lorem ipsum dolor sit amet consectetur adipisicing elit.
59     Officia consectetur laborum sed numquam libero dolorum fugit minus
60     molestias delectus vero.
61   </div>
62
63   <div class="three">
64     Lorem ipsum dolor sit amet consectetur adipisicing elit. Officia
65     consectetur laborum sed numquam libero dolorum fugit minus molestias
66     delectus vero.
67   </div>
68 </body>
69 </html>
```

## 42 Float and Clear

```
1 body{background-color: aqua;}
2
3 .img{
4   float: left;
5   margin-right: 20px;
6 }
7
8
9 img{
10  float: right;
11 }
12
13 p{
14   border: 1px solid black;
15   overflow: auto;
16 }
17
18
19 .one{
20   width: 500px;
21   border: 3px solid black;
22   background-color: antiquewhite;
23   float: left;           /*float: left*/
24 }
25
26 .two{
27   width: 500px;
28   border: 3px solid black;
29   background-color: antiquewhite;
30   float: right;         /*float: right;*/
31 }
32
33 .three{
34   width: 100%;
35   border: 3px solid green;
36   background-color: red;
37   padding: 30px 0;
38   clear: both, right, left; /*clear: both, right, left*/
39
40 }
```



Lorem ipsum, dolor sit amet consectetur adipisicing elit. Repudiandae ratione natus, earum odio maiores sed eaque beatae incidunt nisi soluta deleniti ut corrupti aperiam, amet inventore. Id aspernatur exercitationem dolor ut nesciunt amet sed, eum obcaecati, delectus repudiandae soluta culpa. Quae suscipit ipsam ut perspicatis debitis voluptas error nihil, vitae explicabo odit dicta eaque sed cupiditate quibusdam, ipsa accusantium necessitatibus pariatur maxime doloremque est possimus. Quaerat nemo aut ab quam, ad debitis temporibus aspernatur, numquam architecto quo sequi? Labore ad consecetur illo ullam pariatur itaque ipsam, placat aperiam laudantium provident voluptatibus voluptas molestias odio recusandae a autem sapiente tenetur molestiae reprehenderit iusto sit eligendi quasi laborum soluta. Sint adipisci cum exercitationem obcaecati ipsa doloribus aspernatur corrupti nesciunt consecetur accusantium aliquid, ducimus tenetur isti modi rerum porro? Illo molestias eius perferendis sequi id adipisci animi consequuntur exercitationem culpa saepe repellendus rem consecetur et fuga consequatur corporis nam delectus labore blanditiis commodi maxime earum, sed at Nesciunt nulla pariatur nemo itaque quod facere eius quibusdam quam voluptas commodi omnis debitis architecto maxime, voluptates nam esse. Perspiciatis odit iste vero dolor et ipsum corporis consequatur laudantium aspernatur enim, sunt facilis, vel beatae pariatur explicabo perferendis dolorem, voluptate neque expedita soluta consecetur. Odio, nihil!

Lorem ipsum dolor sit amet consectetur adipisicing elit. Repudiandae sapiente fugit blanditiis perspiciatis, magnam, porro, totam obcaecati illum perferendis doloremque facilis quo inventore tenetur numquam sunt vitae consequatur qui. Earm atque accusantium ut, at impedit nemo fugiat perspiciatis veniam distinctio veritatis minus. Accusantium adipisci sequi omnis vel culpa excepturi animi?



Lorem ipsum dolor sit amet consectetur adipisicing elit. Officia consectetur laborum sed numquam libero dolorum fugit minus molestias delectus vero.

Lorem ipsum dolor sit amet consectetur adipisicing elit. Officia consectetur laborum sed numquam libero dolorum fugit minus molestias delectus vero. Lorem ipsum dolor sit amet consectetur adipisicing elit. Officia consectetur laborum sed numquam libero dolorum fugit minus molestias delectus vero.

Lorem ipsum dolor sit amet consectetur adipisicing elit. Officia consectetur laborum sed numquam libero dolorum fugit minus molestias delectus vero.

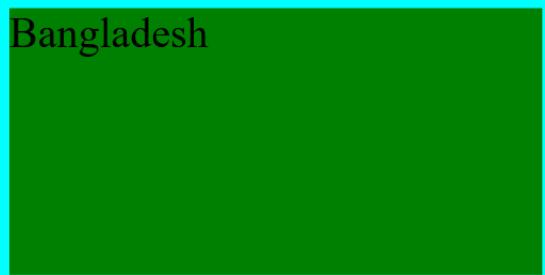
## 43 2D Transform in CSS



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="43 2D Transform in CSS.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   <div>
14     Bangladesh
15   </div>
16
17 </body>
18 </html>
```

## 43 2D Transform in CSS

```
1 body{background-color: aqua;}  
2  
3 div{  
4     width: 200px;  
5     height: 100px;  
6     background-color: green;  
7     margin: 60px auto;  
8     transition: 1s;  
9  
10 }  
11  
12  
13 div:hover{  
14  
15     /* transform: translate(50px,50px); */  
16     /* transform: scale(2); */  
17     /* transform: scaleX(2); */  
18     /* transform: scaleY(2); */  
19     /* transform: rotate(-360deg); */  
20     /* transform: skew(-45deg); */  
21     /* transform: skewX(-45deg); */  
22     /* transform: skewY(-45deg); */  
23     transform: scale(2) rotate(360deg);  
24 }
```



## 44 3D Transform

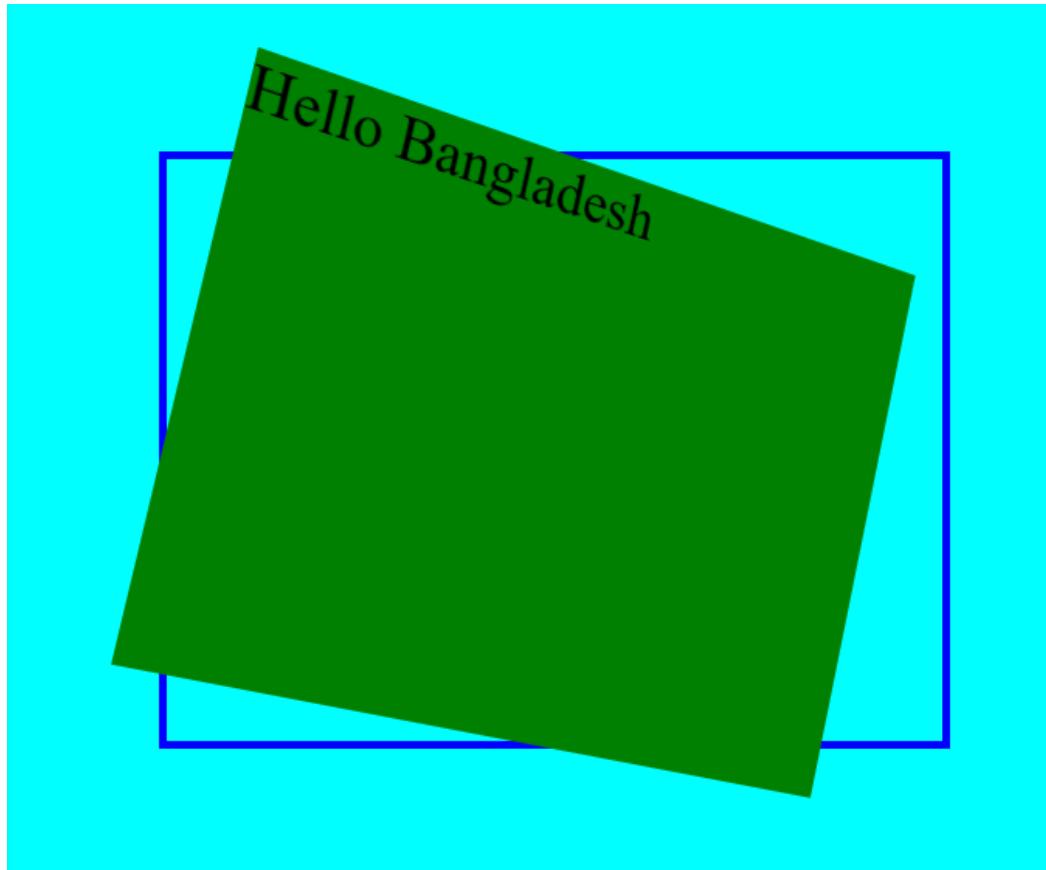


```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="44 3D Transform.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   <div class="parent">
14     <div class="child">Hello Bangladesh</div>
15   </div>
16
17 </body>
18 </html>
```



```
1 body{background-color: aqua;}
2
3 .parent{
4   width: 200px;
5   height: 150px;
6   border: 2px solid blue;
7   margin: 50px auto;
8 }
9
10 .child{
11   width: 200px;
12   height: 150px;
13   background-color: green;
14   /* transform: perspective(500px) rotate(45deg); */
15   /* transform: perspective(500px) rotateX(45deg); */
16   /* transform: perspective(500px) rotateY(45deg); */
17   transform: perspective(500px) rotate3d(10, 100, 50, 30deg);
18   /* transform: perspective(500px) translate3d(50px,100px,50px); */
19
20 }
```

## 44 3D Transform



# 45 Transition Property



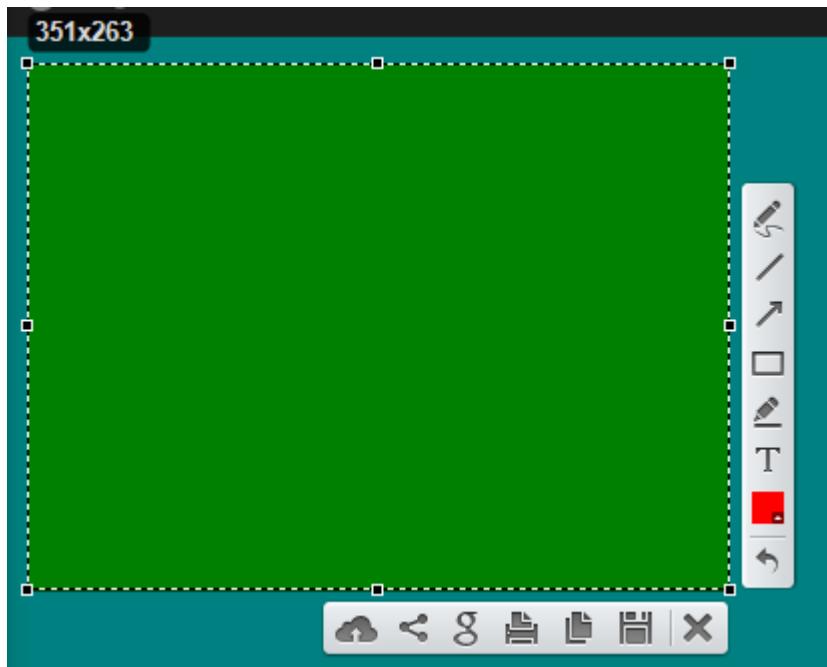
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="45 Transition Property.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   <div id="box"></div>
14
15 </body>
16 </html>
```



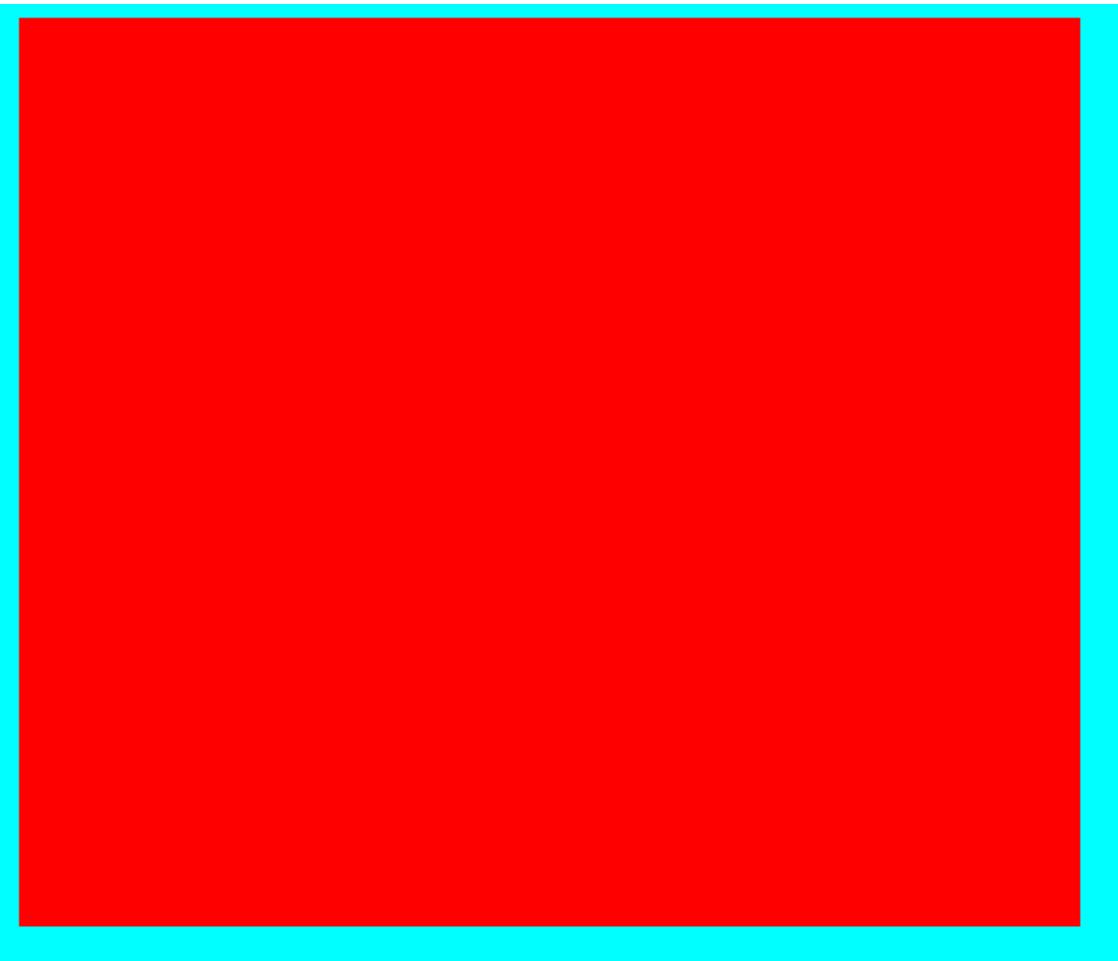
```
1 body{background-color:aqua}
2
3
4 #box{
5   width: 200px;
6   height: 150px;
7   background-color: green;
8   transition-property: width, height, background-color; /*all*/
9   transition-duration: 1s;
10  /* transition-delay: 2s; */
11  /* transition-timing-function: ease;    initial,ease,ease-in,ease-out,step-end */
12  /* transition: 1s; */
13  /* transition: >>property, duration<<, transition-timing-function,delay ; */
14 }
15
16
17 #box:hover{
18   width: 350px;
19   height: 300px;
20   background-color: red;
21 }
```

## 45 Transition Property

With out #:hover



With out #:hover



## 46 Flex I

HTML Code:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="46 Flex I.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   <div class="box">
14     <div class="child"> One </div>
15     <div class="child two"> Two </div>
16     <div class="child"> Three </div>
17   </div>
18
19 </body>
20 </html>
```

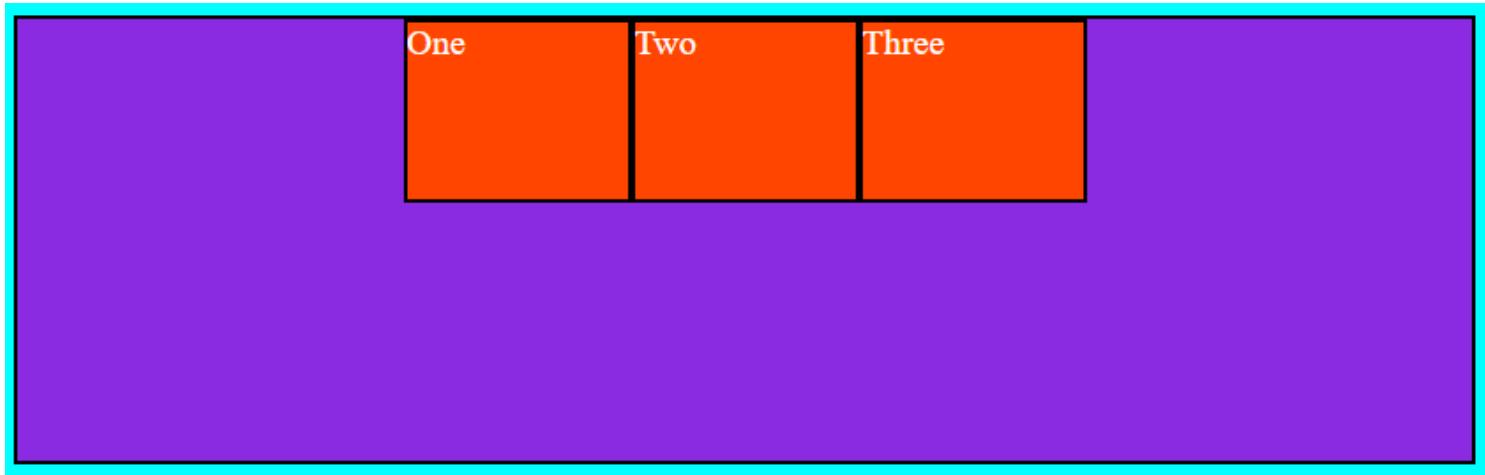
## 46 Flex I

CSS Code:

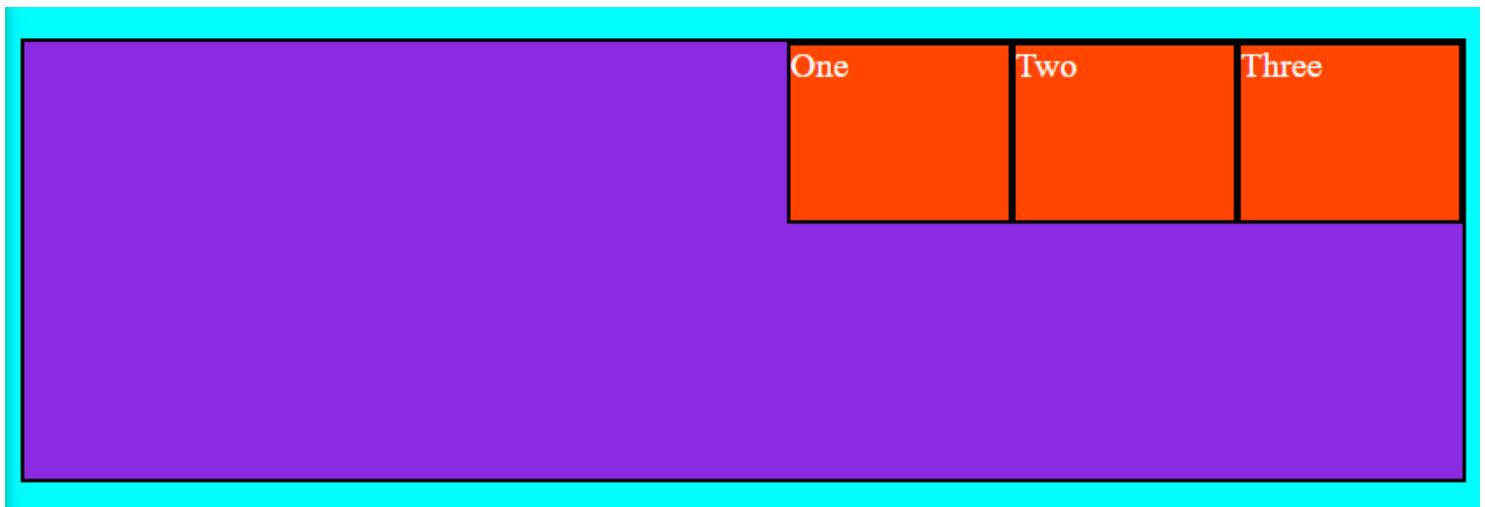
```
● ● ●  
1 body{background-color: aqua;}  
2  
3 .box{  
4   height: 300px;  
5   border: 2px solid black;  
6   background-color: blueviolet;  
7   margin-top: 20px;  
8  
9   display: flex;  
10  justify-content: flex-start ; /*center, flex-end, flex-start*/  
11    /*space-between, space-around, space-evenly*/  
12  align-items:stretch; /*center, flex-end,flex-start*/  
13  
14 }  
15  
16 .child{  
17   width: 100px;  
18   /* height: 80px; */  
19   background-color: orangered;  
20   border: 2px solid black;  
21   color: white;  
22 }  
23  
24 .two{  
25   flex-grow: 1;  
26   order: 2;  
27 }  
28  
29
```

## 46 Flex I

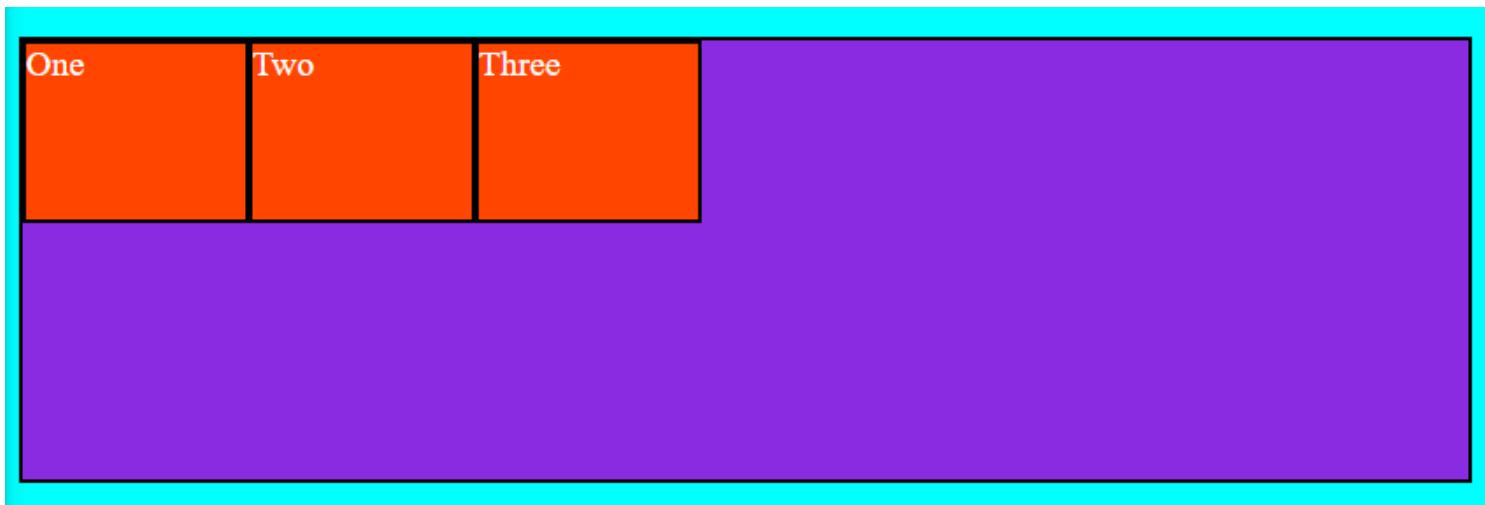
**justify-content: center;**



**justify-content: flex-end;**

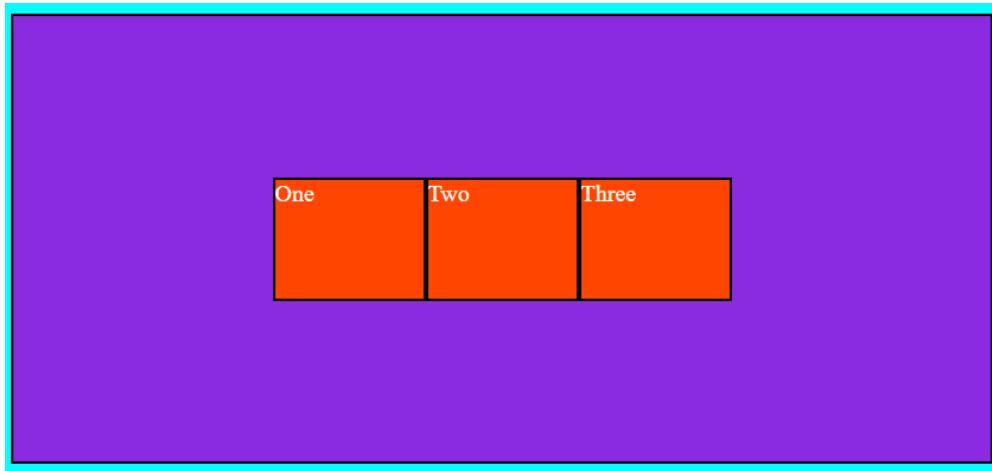


**justify-content: start-end;**

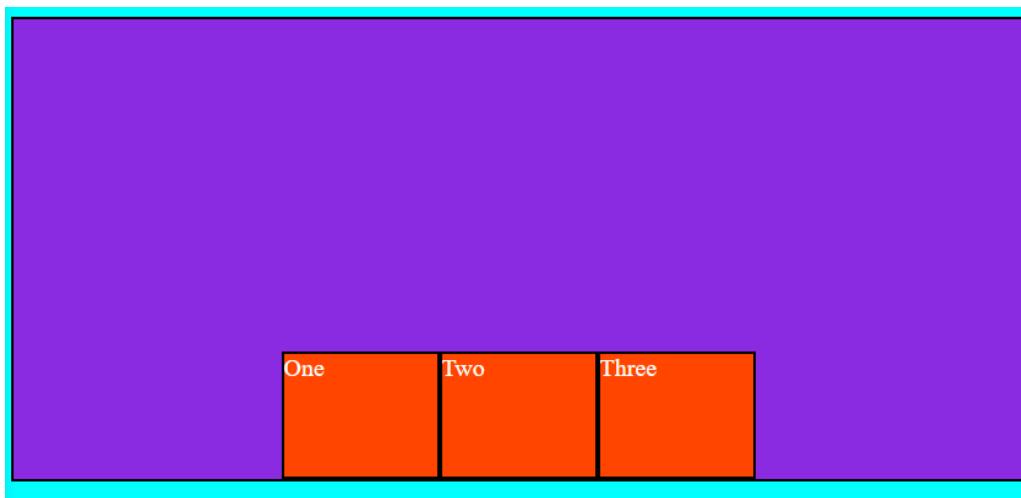


## 46 Flex I

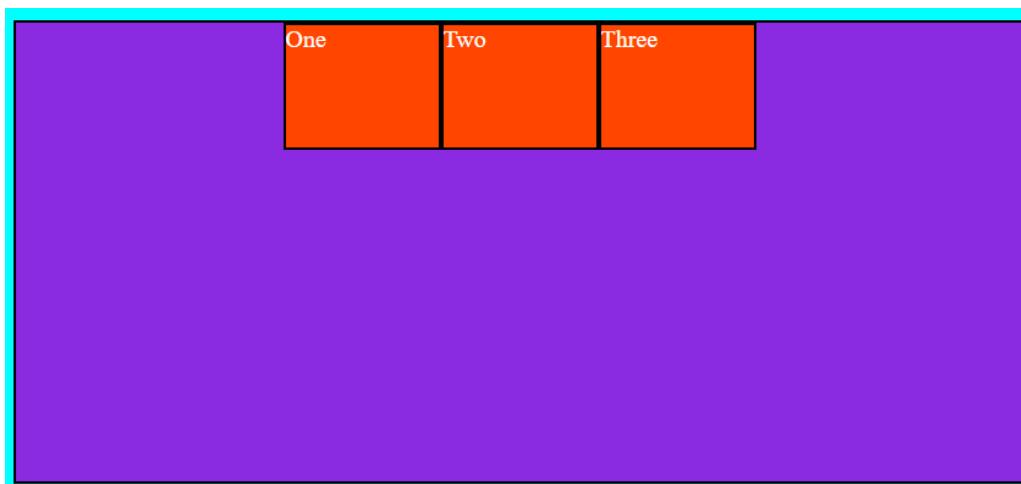
**align-items: center;**



**align-items: flex-end;**

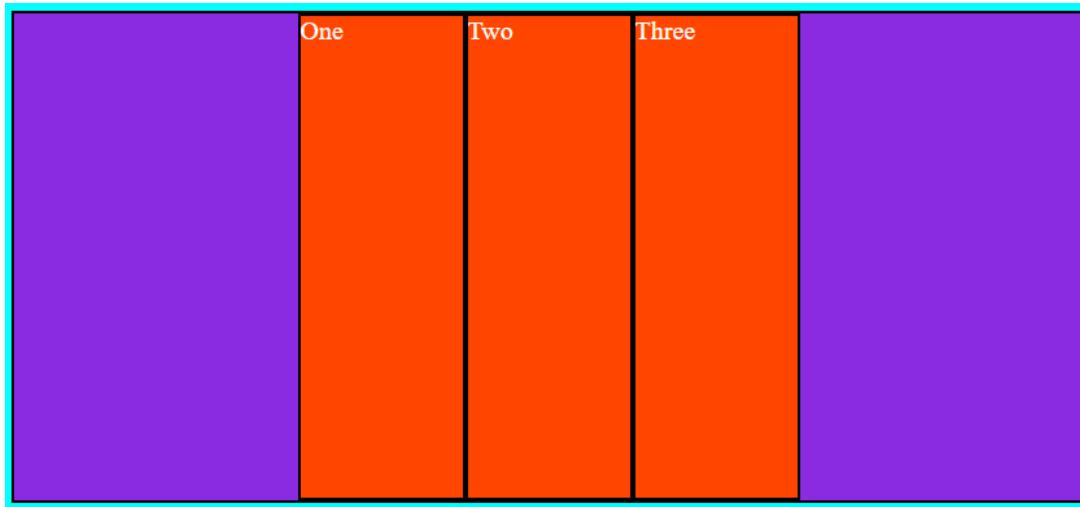


**align-items: flex-start**

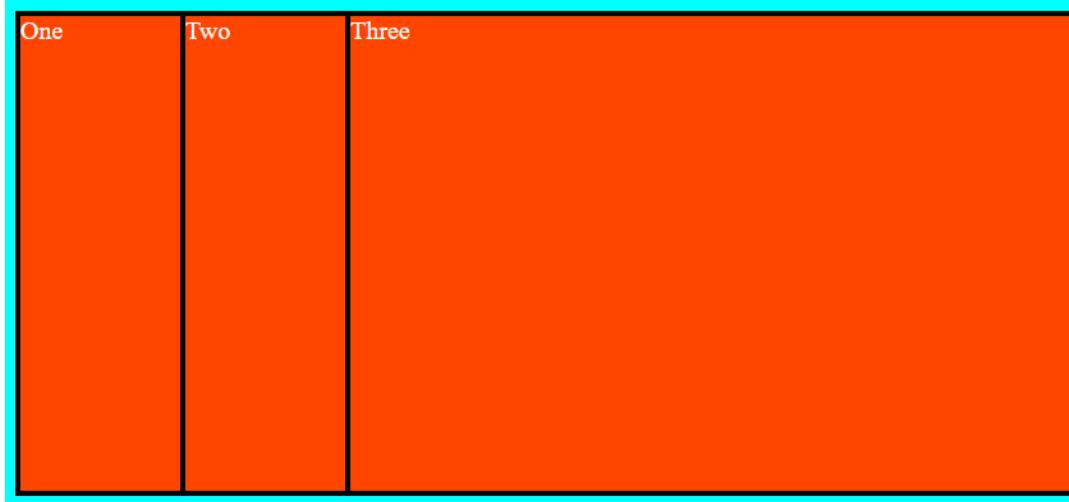


## 46 Flex I

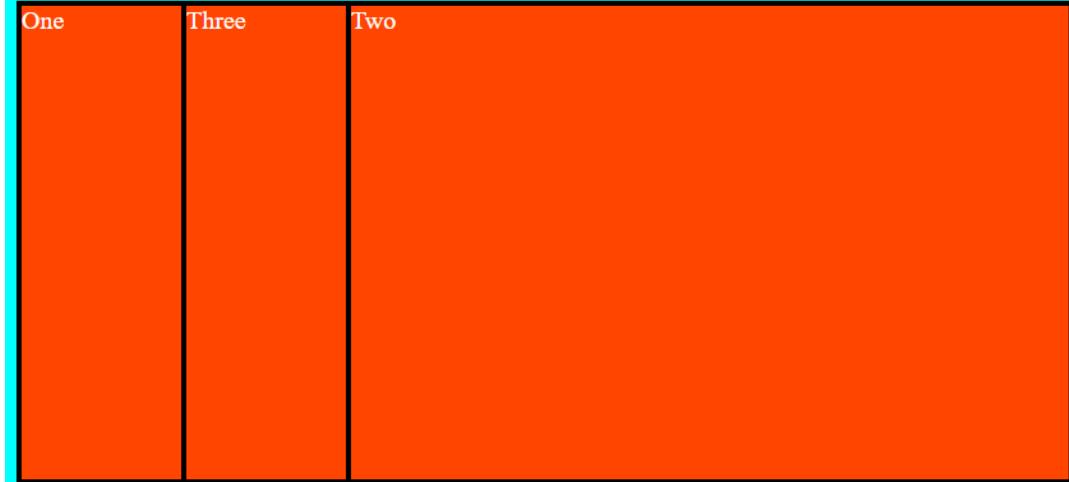
align-items: stretch (! Remove height)



.two{flex-grow: 1;}



.two{order: 2;}



# 46 Flex I

Hand Writing Note:

Flexbox → 1

```
<div class="box">
  <div class='child'>one</div>
  " "
  <div> " "
  <div> " "
  <div> " "
</div>
```

.child{  
width: 200px;  
height: 150px; **[align-items: stretch]**  
background-color: blue;  
border: 2px solid black;  
color: white;  
}

.box{ height: 500px;  
border: 2px solid black;  
background-color: orange;  
margin-top: 20px  
display: flex;

Must Use ↴

display: flex

\*justify-content: center / flex-end / flex-start

space-between → 

space-around → 

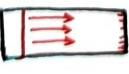
space-evenly → 

justify-content: center;

\*align-items: center / flex-end / flex-start / stretch

height\*



\*.child2{  
flex-grow: 1 ; 

\*.child1{  
order: 2 ; 

## 47 Flex II



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="47 Flex II.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   <div class="box">
14     <div class="child">1</div>
15     <div class="child">2</div>
16     <div class="child">3</div>
17     <div class="child">4</div>
18     <div class="child">5</div>
19     <div class="child">6</div>
20     <div class="child child7">7</div>
21   </div>
22
23 </body>
24 </html>
```

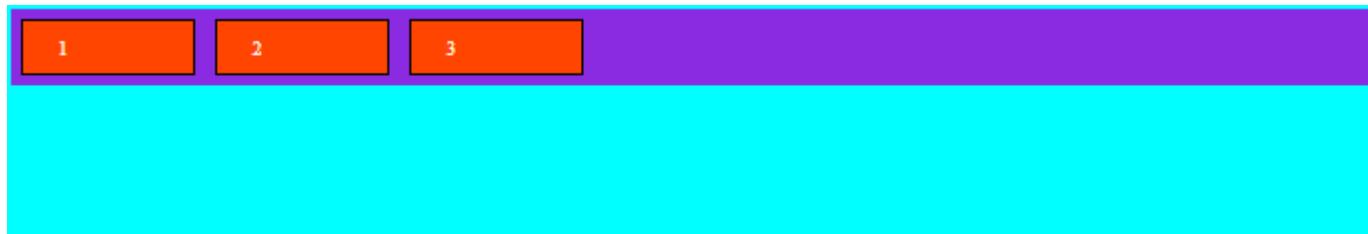
## 47 Flex II



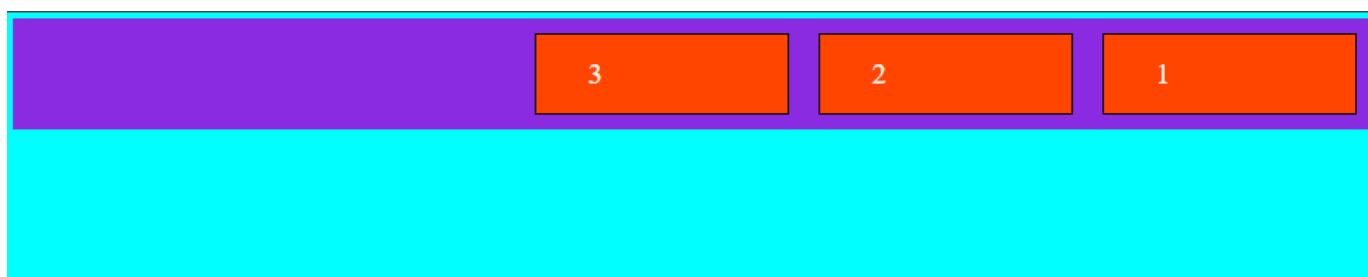
```
1 body{background-color: aqua;}
2
3 .box{
4     background-color: blueviolet;
5     display: flex;
6     /* flex-direction: row; */
7     /* flex-direction: row-reverse; */
8     /* flex-direction: column; */
9     /* flex-direction: column-reverse; */
10
11    /* flex-wrap: nowrap; */
12    flex-wrap: wrap;
13
14    /* flex-flow: row wrap; */      /*Short hand Code*/
15 }
16
17
18
19 .child{
20     background-color: orangered;
21     padding: 30px 70px;
22     border: 3px solid black;
23     color: white;
24     font-size: 40px;
25     margin: 20px;
26     /* width: 200px; */
27 }
28
29
30 .child7{
31     flex-basis: 200px;          /*Work as like Width*/
32 }
```

## 47 Flex II

**flex-direction: row;**



**flex-direction: row-reverse;**

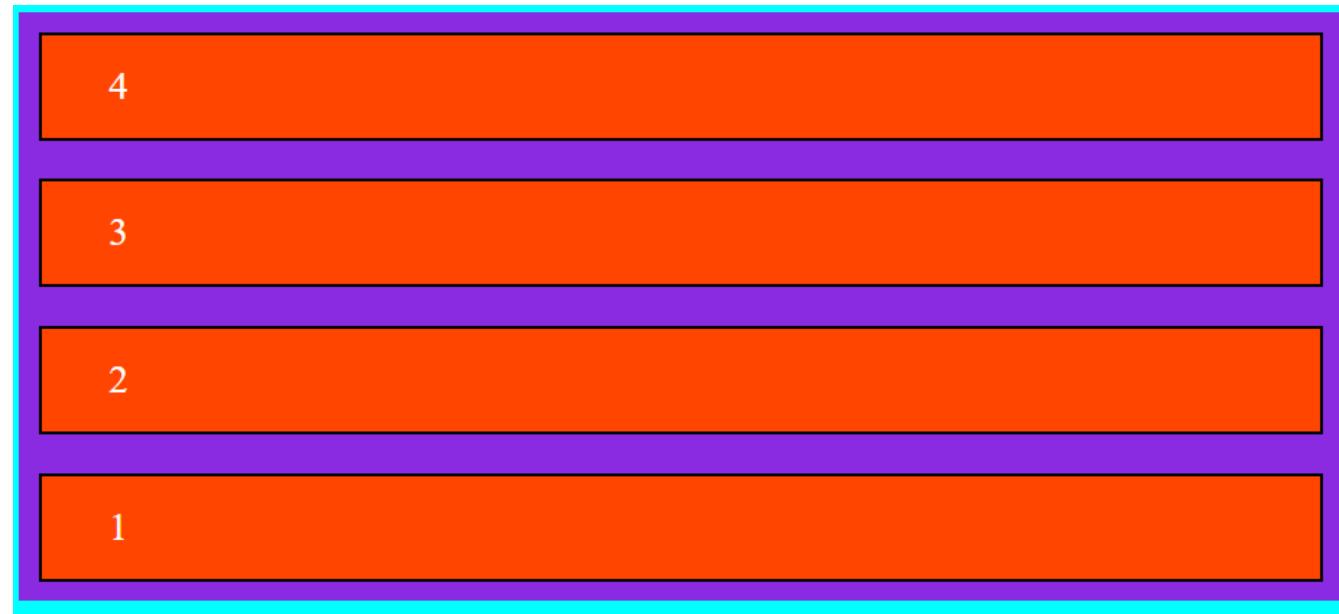


**flex-direction: column;**

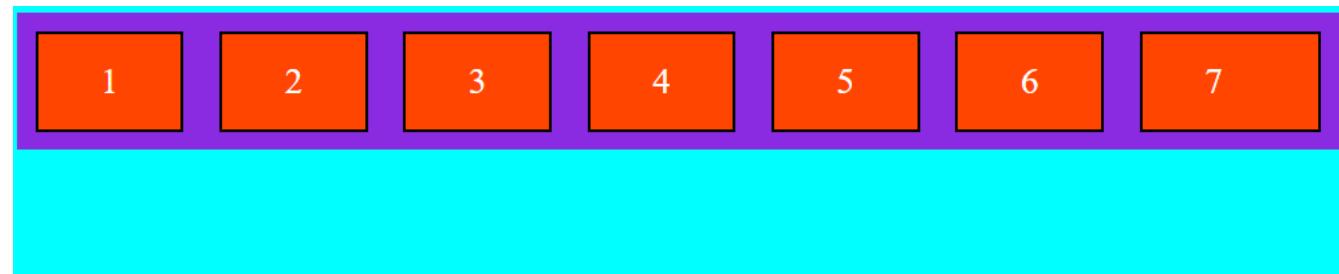


## 47 Flex II

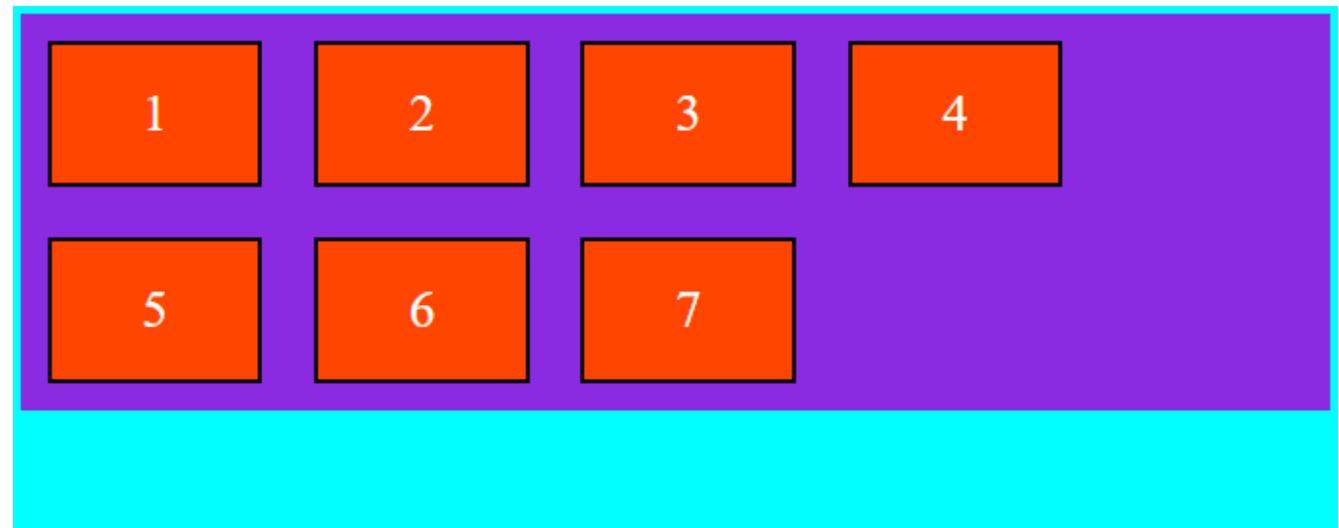
`flex-direction: column-reverse;`



`flex-wrap: nowrap;`

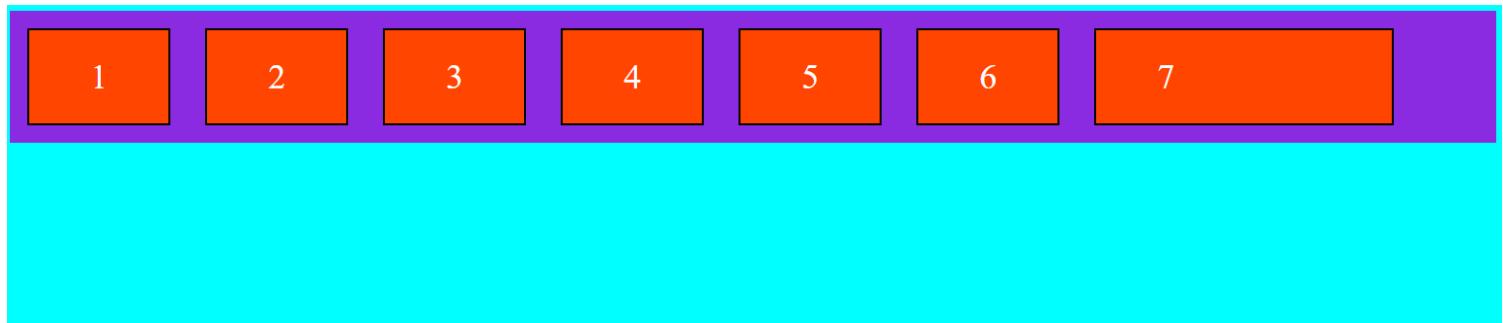


`flex-wrap: wrap;`



## 47 Flex II

**flex-basis: 200px;**



## 47 Flex II

Hand Writing Note:

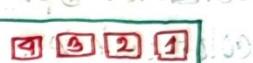
### Flexbox 2

• box {  
background-color: orange;  
display: flex;

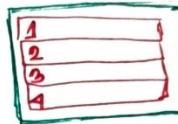
\* flex-direction: row; →



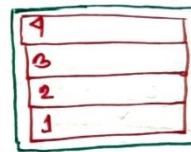
row-reverse; →



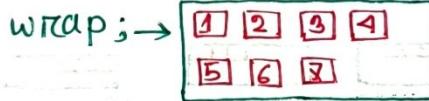
column; →



column-reverse; →



\* flex-wrap: nowrap; →



wrap; →



\* Flex-flow: row wrap; → [Multiple value]

.child {

background-color: blue;

padding: 30px 70px;

border: 8px solid black;

color: white;

font-size: 40px;

margin: 20px;

width: 200px;

\* flex-basis: 300px;

:[As like width]

## 48 Grid Layout

```
● ● ●  
1 <!DOCTYPE html>  
2 <html lang="en">  
3 <head>  
4   <meta charset="UTF-8">  
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">  
6   <title>Document</title>  
7   <link rel="stylesheet" href="48 Grid Layout.css">  
8   <script src="jquery.js"></script>  
9  
10 </head>  
11 <body>  
12  
13   <div class="box">  
14     <div class="child">1</div>  
15     <div class="child">2</div>  
16     <div class="child">3</div>  
17     <div class="child">4</div>  
18     <div class="child">5</div>  
19     <div class="child">6</div>  
20     <div class="child">7</div>  
21     <div class="child">8</div>  
22     <div class="child">9</div>  
23     <div class="child">10</div>  
24     <div class="child">11</div>  
25     <div class="child">12</div>  
26   </div>  
27  
28 </body>  
29 </html>
```

# 48 Grid Layout

```
1 body{background-color: aqua;}  
2  
3 .box{  
4   display: grid;  
5   grid-template-columns: 100px 200px auto 100px;           /*All auto Responsive*/  
6   /*grid-template-columns: repeat(4, 100px);*/  
7   /*grid-template-columns: repeat(4, 25%);*/             /*Responsive*/  
8   /*grid-template-columns: repeat(4, 1fr); */            /*Responsive*/  
9   /*grid-template-columns: repeat(4, 1fr) 3fr;*/        /*Responsive*/  
10  
11  grid-template-rows: 80px 40px 100px;                  /*Responsive*/  
12  
13  /* grid-column-gap: 50px; */  
14  /* grid-row-gap: 100px; */  
15  
16  grid-gap: 50px 10px;                                /*Short Hand Recomandet,Responsive*/  
17  
18 }  
19  
20 .child{  
21   border: 1px solid black;  
22   padding: 10px;  
23   background-color: orangered;  
24 }
```

grid-template-columns: 100px 200px auto 100px;      **/\*All auto Responsive\*/**

1	2	3	4
5	6	7	8
9	10	11	12

## 48 Grid Layout

`grid-template-columns: repeat(4, 100px);`

1	2	3	4
5	6	7	8
9	10	11	12

`grid-template-columns: repeat (4, 25%);      /*Responsive*/`

1	2	3	4
5	6	7	8
9	10	11	12

`grid-template-columns: repeat (4, 1fr);      /*Responsive*/`

1	2	3	4
5	6	7	8
9	10	11	12

`grid-template-columns: repeat (4, 1fr) 3fr;      /*Responsive*/`

1	2	3	4	5
6	7	8	9	10
11	12			

## 48 Grid Layout

grid-template-rows: 80px 40px 100px;

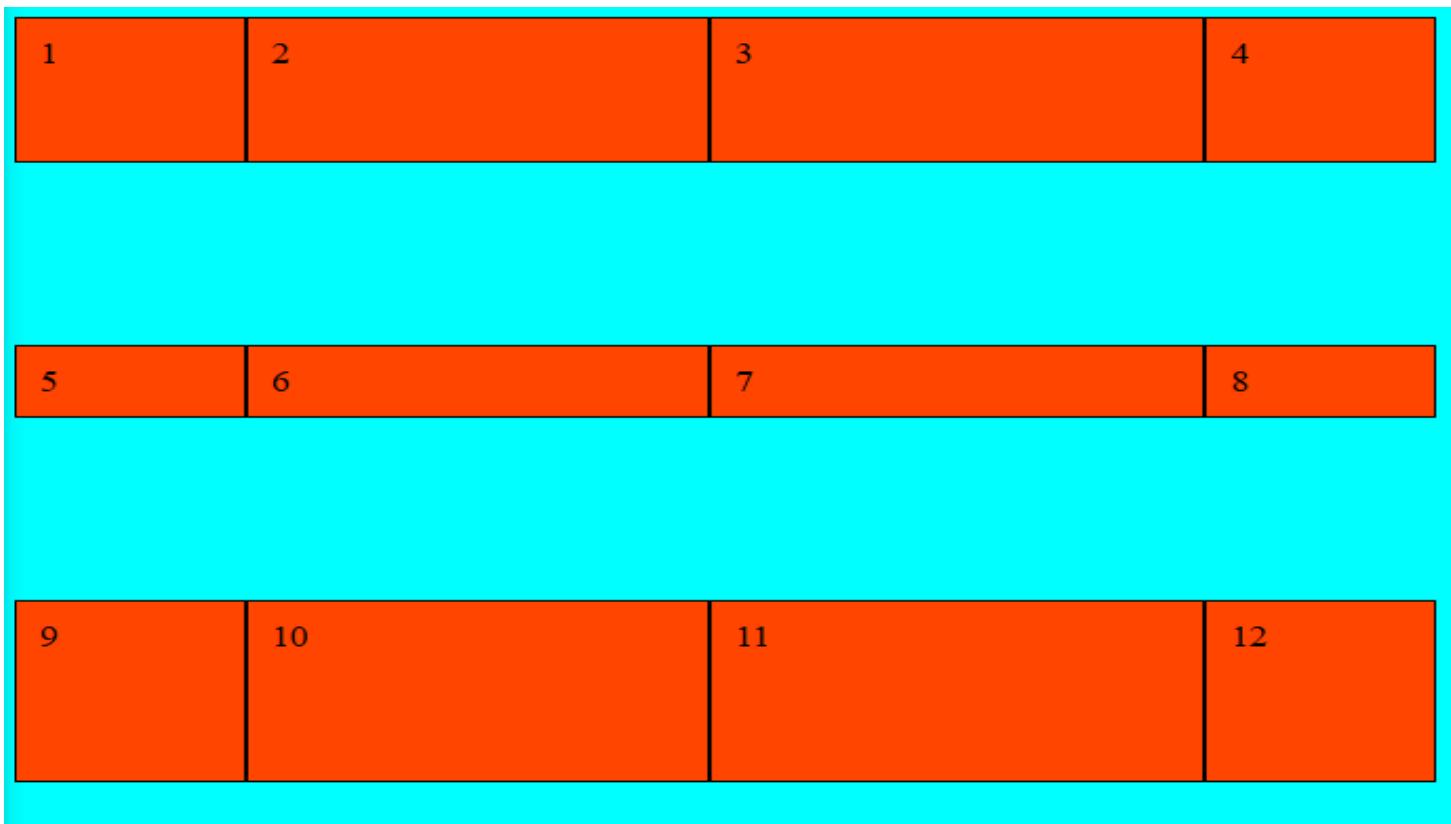
1	2	3	4
5	6	7	8
9	10	11	12

grid-column-gap: 50px;      /\*Responsive\*/

1	2	3	4
5	6	7	8
9	10	11	12

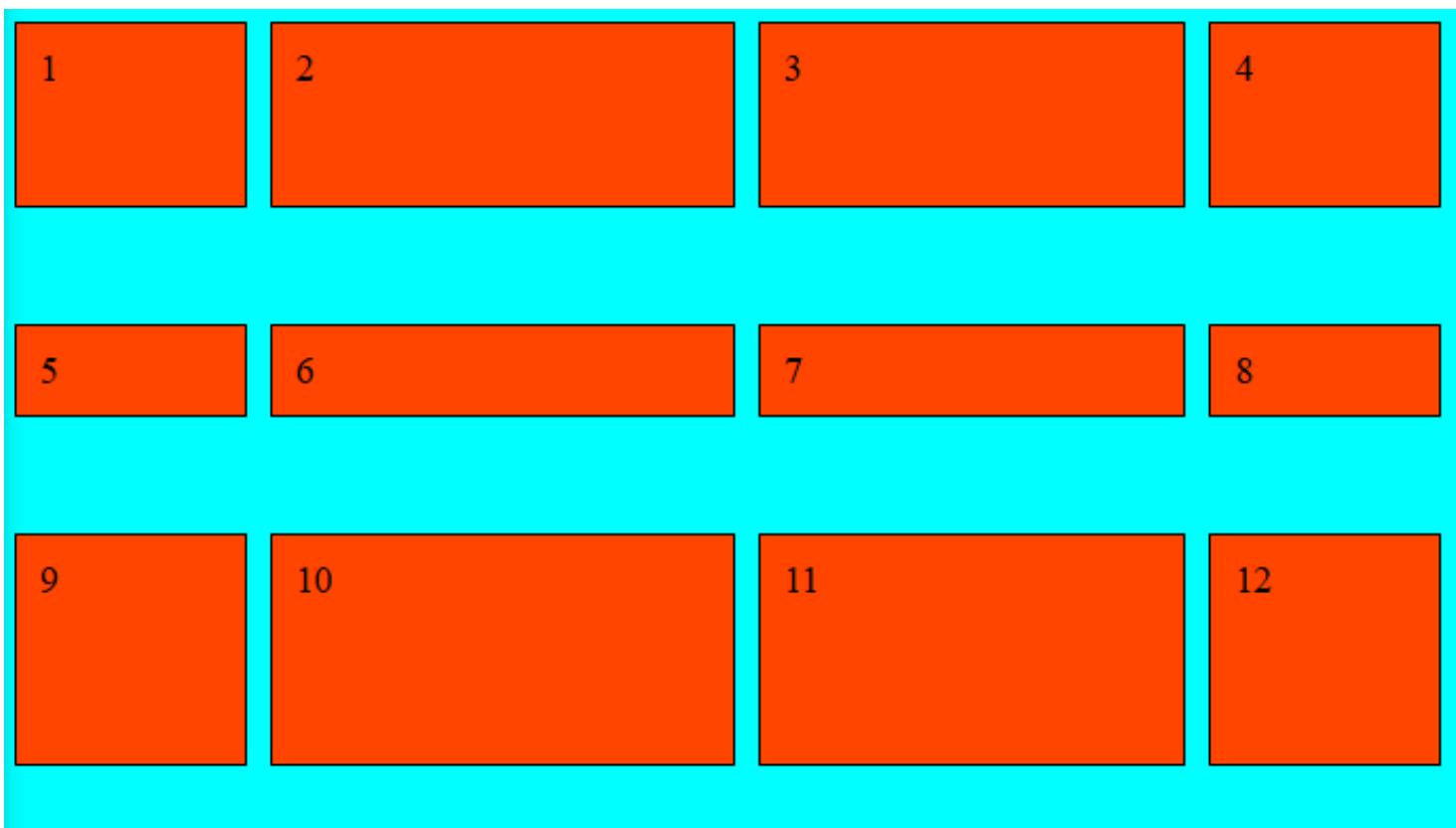
## 48 Grid Layout

grid-row-gap: 100px;



grid-gap: 50px 10px;

/\*Short Hand Recommended, Responsive\*/



# 48 Grid Layout

## **Hand Writing Note:**

\* div.child\*12{\$}

## Grid Layout:

```
body {background-color:aqua;}
```

## \* যতো PX ততো কলাম

\* All auto display responsive  
\* එකතාම 200px, 1fr මගින් auto

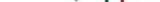
• box }

```
display: grid;
```

\* grid-template-columns: 100px 200px auto 500px ;  
repeat(4, 200px);/repeat(4, 1fr) ↑ 3fr;  
repeat(4, 25%);

\* grid-template-rows: 80px 40px 200px

\* grid-column-gap: 100px → 

\* grid - row-gap: 100px →  100px

\* grid-gap: 100px 100px  $\downarrow$  short hand  
row column

• child {

border: 1px solid black;

# justify-content:

padding: 10px;

Use → flex & Grid .

padding: 10px;

background-color: orange;

## 49 Grid Layout II

```
● ● ●
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Document</title>
7   <link rel="stylesheet" href="49 Grid Layout II.css">
8   <script src="jquery.js"></script>
9
10 </head>
11 <body>
12
13   <div id="parent">
14     <div id="grid" class="grid1">1</div>
15     <div id="grid">2</div>
16     <div id="grid">3</div>
17     <div id="grid">4</div>
18     <div id="grid">5</div>
19     <div id="grid">6</div>
20     <div id="grid">7</div>
21     <div id="grid">8</div>
22     <div id="grid">9</div>
23     <div id="grid">10</div>
24     <div id="grid">11</div>
25     <div id="grid">12</div>
26     <div id="grid">13</div>
27     <div id="grid">14</div>
28     <div id="grid">15</div>
29     <div id="grid">16</div>
30     <div id="grid">17</div>
31     <div id="grid">18</div>
32     <div id="grid">19</div>
33     <div id="grid">20</div>
34     <div id="grid">21</div>
35     <div id="grid">22</div>
36     <div id="grid">23</div>
37     <div id="grid">24</div>
38   </div>
39
40 </body>
41 </html>
```

## 49 Grid Layout II

```
1 body{background-color: aqua;}
```

```
2
```

```
3 #parent{
```

```
4     display: grid;                      /*Must Need*/
```

```
5     grid-template-columns: repeat(8, 1fr);    /*Must Need*/
```

```
6     grid-gap: 30px 20px;                  /*Must Need*/
```

```
7
```

```
8 }
```

```
9
```

```
10
```

```
11
```

```
12 #grid{
```

```
13     border: 1px solid black;
```

```
14     /* height: 70px; */
```

```
15     padding: 10px;
```

```
16     font-size: 25px;
```

```
17     background-color: orangered;
```

```
18     display: flex;
```

```
19     justify-content: center;
```

```
20     align-items: center;
```

```
21     border-radius: 10px;
```

```
22 }
```

```
23
```

```
24 .grid1{
```

```
25     grid-column-start: 1;                /*4 Div Left to Right Count*/
```

```
26     grid-column-end: 5;                 /*5 Div Left to Right Count*/
```

```
27     grid-column: 1 / span 5;
```

```
28
```

```
29     grid-row-start: 1;                /*4 Div Up to Down Count*/
```

```
30     grid-row-end: 5;                 /* 4 Div Up to Down Count*/
```

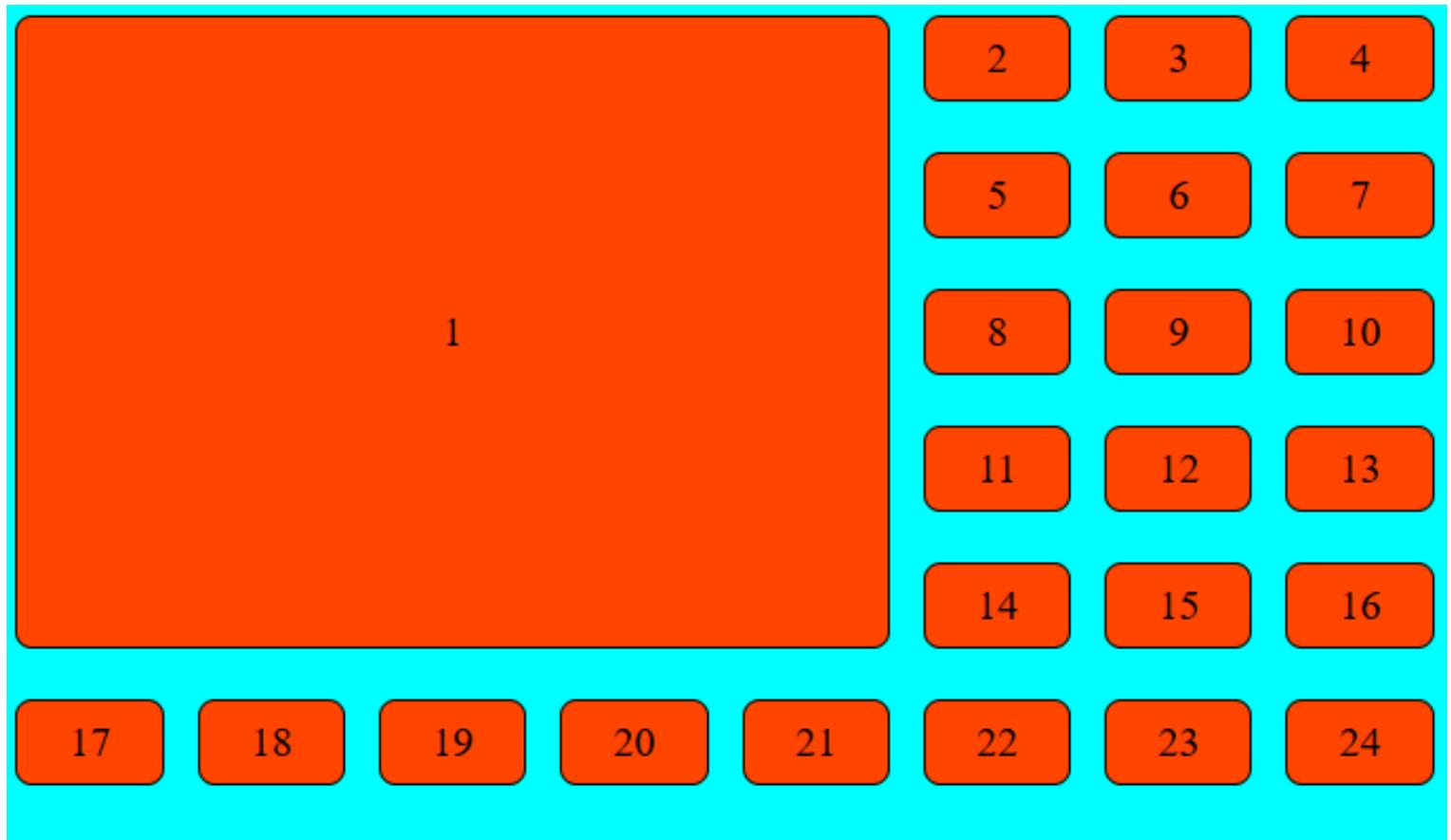
```
31     grid-row: 1 / span 5;
```

```
32 }
```

## 49 Grid Layout II

Main Code:

```
#parent{  
    display: grid;                      /*Must Need*/  
    grid-template-columns: repeat(8, 1fr);  /*Must Need*/  
    grid-gap: 30px 20px;                 /*Must Need*/  
}  
  
.grid1{  
    grid-column-start: 1;                /*4 Div Left to Right Count*/  
    grid-column-end: 5;                  /*5 Div Left to Right Count*/  
    grid-column: 1 / span 5;             /*4 Div Up to Down Count*/  
    grid-row-start: 1;                  /*4 Div Up to Down Count*/  
    grid-row-end: 5;                   /*4 Div Up to Down Count*/  
    grid-row: 1 / span 5;  
}
```



## 49 Grid Layout II

My Hand Writing Note:

### Grid Layout: II

```
#parent {  
    display: grid;  
    grid-template-columns: repeat(8, 1fr);  
    grid-gap: 20px 20px  
}
```

#### • gridA

```
grid-column-start: 1;  
grid-column-end: 4;
```

```
* grid-column: 1 / span 5; [1 2 3 4 5] [5]
```

```
grid-row-start: 1;
```

```
grid-row-end: 5;
```

```
* grid-row: 1 / span 5;
```

```
}
```

#### #grid

```
border: 1px solid black;  
height: 70px;  
padding: 10px;  
background-color: orange;  
display: flex;  
justify-content: center;  
align-items: center;  
border-radius: 10px;
```

\* div#grid \* { \$ }

# 50 Multiple Columns

```
 1 <!DOCTYPE html>
 2 <html lang="en">
 3   <head>
 4     <meta charset="UTF-8" />
 5     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
 6     <title>Document</title>
 7     <link rel="stylesheet" href="50 Multiple Columns.css" />
 8     <script src="jquery.js"></script>
 9   </head>
10
11   <body>
12
13     <div>
14       <h1>Lorem ipsum dolor sit amet consectetur adipisicing elit.</h1>
15       Lorem ipsum dolor sit amet consectetur adipisicing elit. Blanditiis ab
16       atque dolorem, facilis tempore illo placeat architecto vitae culpa!
17       Exercitationem accusantium hic delectus deleniti! At veritatis, quasi
18       doloribus commodi a cum. Placeat reprehenderit assumenda eius quos. Ipsum
19       repellat, vero odio placeat vel rem veritatis, nulla corrupti illum, sint
20       sunt officia atque! Totam at labore suscipit eveniet! Animi est vel
21       corporis voluptatum aperiam beatae porro nisi, numquam, voluptates culpa
22       quasi, quos cum! Earum eveniet tempore assumenda accusamus, quia sit, nam
23       officiis dolorum at odit corporis optio, fugit sequi ipsum qui autem
24       repellendus eius. Sit debitis expedita fuga provident officiis nulla, quis
25       iste amet ducimus sunt voluptatum atque. A natus excepturi consequuntur
26       dignissimos at. Ipsum illum quia dolorem quam omnis dolorum aperiam
27       voluptates in molestias libero numquam consectetur magnam rem voluptatum
28       fuga ad blanditiis, nam fugiat minima et natus? Doloribus nesciunt quos
29       incident qui autem eum corporis. Dolorum cumque cum aut corporis, fuga,
30       iure eum non temporibus repellendus doloremque illo ea atque officia iusto
31       nam natus quibusdam dicta ab ut quasi, magnam blanditiis! Ducimus quo
32       voluptate consectetur officia, veniam aliquam dolorum fugiat architecto a
33       magni minima magnam modi obcaecati corporis, repellat praesentium. Alias,
34       numquam ipsum quidem libero reiciendis modi, deserunt dignissimos vel
35       itaque, ab magni asperiores accusamus hic veritatis. Nostrum, beatae
36       aliquid quam animi dignissimos sunt expedita. Distinctio ut nobis
37       repellendus pariatur aspernatur tenetur aliquid, dolores obcaecati,
38       voluptas magni dolore labore dignissimos impedit quibusdam voluptatum
39       praesentium modi! Cum, nisi! Unde, veritatis aut! Beatae non distinctio,
40       quia eos libero quibusdam explicabo quidem, ad voluptatibus dolore porro
41       architecto sit quod nostrum possimus rerum modi! Sapiente, non pariatur
42       eaque sit placeat esse qui! Quo doloribus fuga voluptatum? Quidem amet
43       eveniet ullam, qui, dignissimos tenetur iusto doloremque quaerat officia
44       voluptates vel distinctio nam quibusdam numquam. Voluptates recusandae
45       officia accusantium incident eaque dolorem, eveniet repellat sint illum
46       dolore explicabo iure necessitatibus similique. Optio beatae magni nulla.
47       Consectetur facilis voluptate exercitationem quo voluptatum corporis iure,
48       eos saepe magnam perferendis. Nam cumque at nihil? Nulla unde blanditiis
49       autem deserunt at. Quidem quae dolores illo porro odit alias adipisci,
50       officia eius veniam ratione, molestiae, nobis asperiores. Ex esse ipsam
51       delectus deleniti quidem in similique repellat quod molestiae quam. Nisi
52       quos dignissimos asperiores repudiandae ipsam reprehenderit nemo commodi
53       incident! Id maiores, porro numquam commodi culpa, officia recusandae ut
54       eum excepturi placeat odio! Ducimus voluptas quas sed corrupti? Molestias
55       ea explicabo possimus neque sint eveniet nesciunt quibusdam distinctio
56       impedit quo, facilis enim!
57     </div>
58
59   </body>
60 </html>
61
```

# 50 Multiple Columns



```
1 body{background-color: aqua;}  
2  
3  
4 div{  
5   column-count: 4;  
6   text-align: justify;  
7   column-gap: 30px;  
8   column-rule: 1px solid black;  
9   column-width: 200px; /*Divce Responsive*/  
10  
11  /*column-rule-style: solid;  
12  column-rule-width: 1px ;  
13  column-rule-color: red ;*/  
14 }  
15  
16 h1{  
17   column-span: all;  
18 }
```

**L**orem ipsum dolor sit amet consectetur adipisicing elit.

Lorem ipsum dolor sit amet  
consectetur adipisicing elit.  
Blanditiis ab atque dolorem, facilis  
tempore illo placeat architecto vitae  
culpa! Exercitationem accusantium  
hic delectus deleniti! At veritatis,  
quasi doloribus commodi a cum.  
Placeat reprehenderit assumenda  
eius quos. Ipsum repellat, vero odio  
placeat vel rem veritatis, nulla  
corrupti illum, sint sunt officia  
atque! Totam at labore suscipit  
eveniet! Animi est vel corporis  
voluptatum aperiam beatae porro  
nisi, numquam, voluptates culpa  
quasi, quos cum! Earum eveniet  
tempore assumenda accusamus, quia  
sit, nam officiis dolorum at odit  
corporis optio, fugit sequi ipsum qui  
autem repellendus eius. Sit debitis  
expedita fuga provident officiis  
nulla, quis iste amet ducimus sunt  
voluptatum atque. A natus excepturi

consequuntur dignissimos at. Ipsum illum quia dolorem quam omnis dolorum aperiam voluptates in molestias libero numquam consecetur magnam rem voluptatum fuga ad blanditiis, nam fugiat minima et natus? Doloribus nesciunt quos incident qui autem eum corporis. Dolorum cumque cum aut corporis, fuga, iure eum non temporibus repellendus doloremque illo ea atque officia iusto nam natus quibusdam dicta ab ut quasi, magnam blanditiis! Ducimus quo volupitate consecetur officia, veniam aliquam dolorum fugiat architecto a magni minima magnam modi obcaecati corporis, repellat praesentium. Alias, numquam ipsum quidem libero reiciendis modi, deserunt dignissimos vel itaque, ab magni asperiores accusamus hic veritatis.

Nostrum, beatae aliquid quam animi dignissimos sunt expedita. Distinctio ut nobis repellendus pariatur aspernatur tenetur aliquid, dolores obcaecati, voluptas magni dolore labore dignissimos impedit quibusdam voluptatum praesentium modi! Cum, nisi! Unde, veritatis aut! Beatae non distinctio, quia eos libero quibusdam explicabo quidem, ad voluptatibus dolore porro architecto sit quod nostrum possimus rerum modi! Sapiente, non pariatur eaque sit placeat esse qui! Quo doloribus fuga voluptatum? Quidem amet eveniet ullam, qui, dignissimos tenetur iusto doloremque quaerat officia voluptates vel distinctio nam quibusdam numquam. Voluptates recusandae officia accusantium incident eaque dolorem, eveniet repellat sint illum dolore explicabo

iure necessitatibus similique. Optio beatae magni nulla. Consectetur facilis voluptate exercitationem quo voluptatum corporis iure, eos saepe magnam perferendis. Nam cumque at nihil? Nulla unde blanditiis autem deserunt at. Quidem quae dolores illo porro odit alias adipisci, officia eius veniam ratione, molestiae, nobis asperiores. Ex esse ipsam delectus deleniti quidem in similique repellat quod molestiae quam. Nisi quos dignissimos asperiores repudiandae ipsam reprehenderit nemo commodi incident! Id maiores, porro numquam commodi culpa, officia recusandae ut eum excepturi placeat odio! Dicimus voluptas quas sed corrupti? Molestias ea explicabo possimus neque sint eveniet nesciunt quibusdam distinctio impedit quo, facilis enim!

# 51 Media print

```
1  <!DOCTYPE html>
2  <html lang="en">
3      <head>
4          <meta charset="UTF-8" />
5          <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6          <title>Document</title>
7          <link rel="stylesheet" href="51 Media print.css" />
8          <script src="jquery.js"></script>
9      </head>
10
11     <body>
12
13         <div>
14             
15             <p>
16                 Lorem ipsum dolor sit amet consectetur, adipisicing elit. Cum molestiae
17                 ullam illum, corrupti vero debitibus ipsum impedit officiis doloremque!
18                 Necessitatibus expedita, quas ratione quis incident quaerat tenetur
19                 alias eaque sint! Quos sint ipsa provident mollitia atque officia
20                 nostrum, voluptates cum iusto distinctio optio eaque tenetur incident in
21                 corrupti animi assumenda molestiae voluptatum adipisci sunt. Corrupti
22                 magni praesentium deserunt blanditiis exercitationem. Comodi voluptatum
23                 dolorem animi reprehenderit obcaecati soluta odio rerum tempora, tenetur
24                 vel aspernatur architecto! Numquam, commodi exercitationem. Delectus,
25                 quam dolores suscipit, eum accusamus, veritatis eaque molestiae deserunt
26                 rerum praesentium accusantium quia aspernatur quis doloremque ad debitibus
27                 fugit saepe exercitationem ea! Voluptatibus et dolorum voluptas! Ducimus
28                 nemo vitae quos ratione, in eum debitibus ipsa provident mollitia!
29                 Repudiandae minima, odio minus aperiam officiis eligendi quidem aut
30                 sequi beatae unde, perferendis molestias dolorum nemo placeat adipisci
31                 necessitatibus praesentium suscipit voluptatum. Error voluptas
32                 voluptatibus laboriosam ipsum distinctio suscipit amet quas dolor
33                 aperiam, qui reiciendis repellat adipisci nemo veritatis inventore
34                 exercitationem praesentium minus sit quidem tempora doloribus autem
35                 totam ut voluptatem! Suscipit tempore velit sunt optio iste animi,
36                 officiis nisi, atque maxime dignissimos excepturi quod doloribus minus
37                 ea. Inventore odio numquam perspiciatis voluptates ipsa, quasi corrupti
38                 dolore cumque ad quam, nisi odit labore rem placeat aperiam culpa
39                 provident reprehenderit architecto facere vel quisquam! Consectetur
40                 fugiat nemo aperiam. Magnam, autem! Dignissimos, facilis earum quasi
41                 sequi animi atque vero mollitia molestias eius doloremque, nostrum
42                 assumenda quisquam ex. Aliquid voluptatum laboriosam vero. Vitae
43                 consequatur laborum, consequuntur quasi quas animi odio mollitia
44                 quisquam? Quos sapiente earum architecto, minus commodi veritatis autem,
45                 tenetur vel alias nobis ipsum dolorem doloremque impedit consequatur
46                 recusandae ducimus eius illum corrupti animi atque ut debitibus expedita.
47                 Nam voluptatum reiciendis, necessitatibus numquam tenetur recusandae?
48                 Nisi quod porro doloribus facere repellat eaque, explicabo non harum
49                 dicta a dolorum, ratione atque numquam corporis quaerat possimus
50                 exercitationem nostrum? Repellat, labore quis? Laudantium, mollitia
51                 ipsa? Quo explicabo, minus distinctio maxime at veritatis quae quis
52                 consectetur ratione eveniet. Rerum, repellat ullam nemo error amet a
53                 adipisci? Saepe nisi modi, nam eaque architecto eius maiores non harum
54                 ipsum, quaerat excepturi, porro corrupti in ratione natus. Voluptatum
55             </p>
56         </div>
57
58     </body>
59 </html>
```

# 51 Media print

```
1 body{background-color: aqua;}
2
3 @media screen {
4   p{
5     background-color: orangered;
6     color: white;
7   }
8 }
9
10 @media print{
11   p{
12     background-color: yellow;
13     color: black;
14     font-size: 40px;
15   }
16   img{
17     display: none;
18   }
19   div{
20     width: 500px;
21   }
22 }
```

The screenshot shows a browser window with two tabs. The active tab displays a page with a dark blue header containing the text 'WEB DEVELOPMENT' and a circular graphic. Below the header, there is a large amount of placeholder text ('Lorem ipsum...') in a light blue box. The URL in the address bar is '127.0.0.1:51123/CSS/51%20Media%20print.html'. To the right of the browser, a print dialog box is open. The print dialog has a 'Print' tab selected, showing settings for '8 sheets of paper'. Under 'Destination', it says 'Microsoft Print to PDF'. Under 'Pages', 'All' is selected. Under 'Layout', 'Portrait' is selected. Under 'Color', 'Color' is selected. At the bottom of the print dialog are 'Print' and 'Cancel' buttons. A portion of the printed content is visible on the right, showing the yellow background and the text 'Quo sint ipsa provident mollitia'.

## 52 Animation



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <link rel="stylesheet" href="52 Animation.css">
7   <title>Animation</title>
8 </head>
9
10 <body>
11   <div class="box"> Hello Bangladesh</div>
12
13 </body>
14 </html>
```

## 52 Animation

```
● ● ●
1 body{background-color: aqua;}
2
3 @keyframes testLogo{
4     0%{
5         background-color: orangered;           /* Can Use (from-too) 0% 25% 50% 75% 100%*/
6         width: 300px;
7         left: 0px;
8         top: 0px;
9     }
10    50%{
11        background-color: green;
12        width: 400px;
13        top: 200px;
14    }
15    100%{
16        background-color: orangered;
17        width: 300px;
18        left: 500px;
19        top: 0px;
20    }
21
22 }
23
24
25 .box{
26     width: 300px;
27     height: 300px;
28     background-color: brown;
29     color: white;
30     border-radius: 50%;
31     font-size: 30px;
32     margin: 100px auto;
33     display: flex;
34     justify-content: center;
35     align-items: center;
36     position: relative;
37
38
39 /* animation: name duration timing-function delay iteration-count direction fill-mode;
40 (short Hand Use code) */
41
42     animation-name: testLogo;
43     animation-duration: 4s;
44     animation-timing-function: ease-in;
45     animation-delay: 0.5s;
46     animation-iteration-count: infinite;
47     animation-direction: alternate-reverse;
48
49 }
50
51
52
```

## 52 Animation

