

EX01

.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>Button design</title>
7      <link rel="stylesheet" href="ex1.css">
8    </head>
9    <body>
10
11      <div class="container">
12        <div class="child">
13          <span>Child</span>
14        </div>
15      </div>
16
17
18      <div class="container1">
19        <div class="child1">
20          <span>Child</span>
21        </div>
22      </div>
23
24
25      <div class="container2">
26        <div class="child2">
27          <span>Child</span>
28        </div>
29      </div>
30
31      <div class="container3">
32        <div class="child3">
33          <span>Child</span>
34        </div>
35      </div>
36    </body>
37  </html>
```

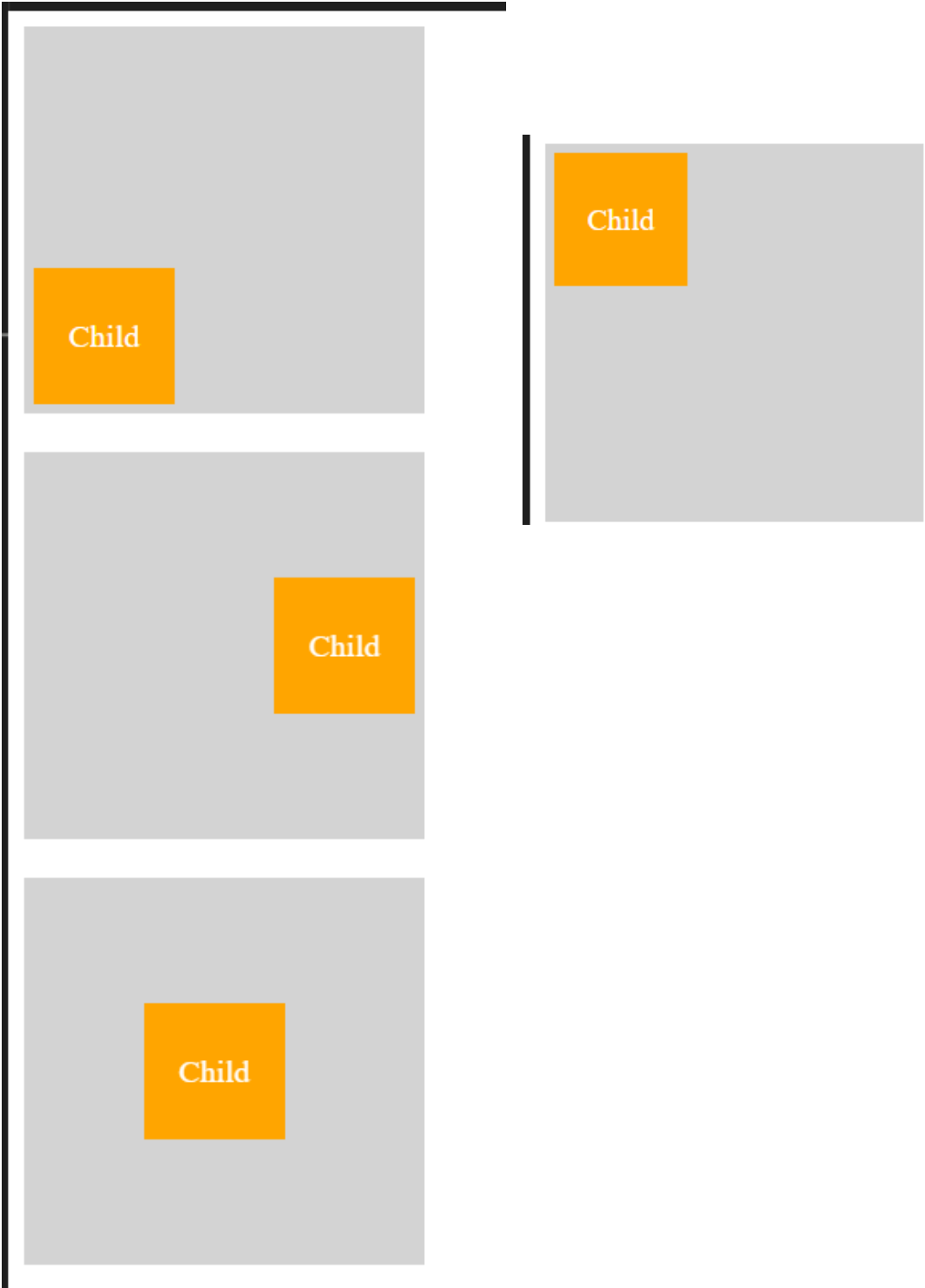
.CSS

```
1  .container{
2      display:flex;
3      justify-content:end;
4      align-items: flex;
5      background-color: lightgrey;
6      flex-direction:column;
7      width:200px;
8      height:200px;
9      margin-bottom: 20px;
10
11
12 }
13 .child{
14     width:70px;
15     height:70px;
16     background-color: orange;
17     color:white;
18     display: flex;
19     justify-content: center;
20     align-items: center;
21     margin-left: 5px;
22     margin-bottom: 5px;
23     position: absolute;
24
25 }
26
27
28 .container1{
29     display:flex;
30     justify-content:end;
31     align-items: center;
32     background-color: lightgrey;
33     width:200px;
34     height:200px;
35     margin-bottom: 20px;
36
37 }
```

```
37 }
38 .child1{
39     width:70px;
40     height:70px;
41     background-color: orange;
42     color: white;
43     display: flex;
44     justify-content: center;
45     align-items: center;
46     margin-right: 5px;
47 }
48
49
50 .container2{
51     display:flex;
52     justify-content:center;
53     align-items: center;
54     background-color: lightgrey;
55     width:200px;
56     height:200px;
57     margin-bottom: 20px;
58
59 }
60
61 .child2{
62     width:70px;
63     height:70px;
64     background-color: orange;
65     color: white;
66     display: flex;
67     justify-content: center;
68     align-items: center;
69     margin-right: 10px;
70 }
71
```

```
71
72 .container3{
73     position: relative;
74     display: flex;
75     justify-content: flex-end;
76     align-items: center;
77     background-color: lightgrey;
78     width: 200px;
79     height: 200px;
80
81
82
83 }
84 .child3{
85     position: absolute;
86     width: 70px;
87     height: 70px;
88     top: 5px; /* Position at the top */
89     left: 5px;
90     background-color: orange;
91     color: white;
92     display: flex;
93     justify-content: center;
94     align-items: center;
95     margin-right: 10px;
96 }
97
98
```

Output








Ex02

.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>child element</title>
7          <link rel="stylesheet" href="ex2.css">
8      </head>
9      <body>
10
11          <div class="container1">
12              <div class="child1">
13                  <span>Child</span>
14              </div>
15          </div>
16
17          <div class="container2">
18              <div class="child2">
19                  <span>Child</span>
20              </div>
21          </div>
22
23          <div class="container3">
24              <div class="child3">
25                  <span>Child</span>
26              </div>
27          </div>
28
29          <div class="container4">
30              <div class="child4">
31                  <span>Child</span>
32              </div>
33          </div>
34      </body>
35
36  </html>
```

.CSS

```
# ex2.css >  .child4
1  .container1{
2      position: relative;
3      display: flex;
4      justify-content: flex-end;
5      align-items: center;
6      background-color:  lightgrey;
7      width: 200px;
8      height: 200px;
9      margin-bottom: 20px;
10
11
12
13 }
14 .child1{
15     position: absolute;
16     width: 190px;
17     height: 50px;
18     right: 5px;
19     top: 5px; /* Position at the top */
20     left: 5px;
21     background-color:  orange;
22     color:  white;
23     display: flex;
24     justify-content: center;
25     align-items: center;
26     margin-right: 20px;
27
28 }
29
30 .container2{
31     position: relative;
32     display: flex;
33     justify-content: center;
34     align-items: center;
35     background-color:  lightgrey;
36     width: 200px;
37     height: 200px;
```

```
37     height:200px;
38     margin-bottom: 20px;
39
40
41
42 }
43 .child2{
44     position: absolute;
45     width:190px;
46     height:50px;
47     right:5px;
48     top: 50%; /* Position at the top */
49     left:50%;
50     transform: translate(-50%, -50%);
51     background-color: #ff9900;
52     color: #ffffff;
53     display: flex;
54     justify-content: center;
55     align-items: center;
56     margin-right: 20px;
57
58 }
59
60 .container3{
61     position: relative;
62     display: flex;
63     justify-content: center;
64     align-items: center;
65     background-color: #cccccc;
66     width:200px;
67     height:200px;
68     margin-bottom: 20px;
69
70
71
```

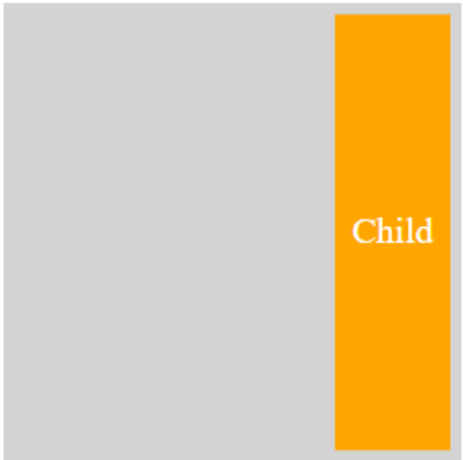
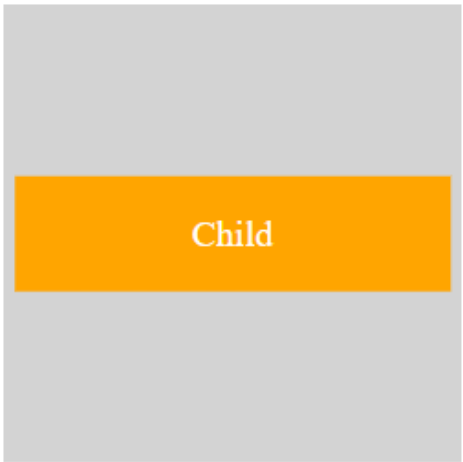
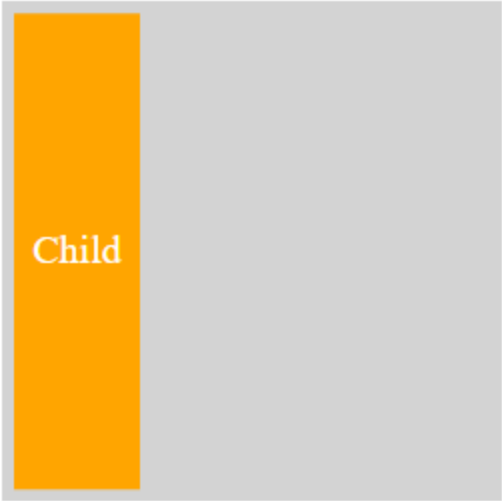


```
72     }
73     .child3{
74         position: absolute;
75         width:50px;
76         height:190px;
77         right:0px;
78         top: 50%; /* Position at the top */
79
80         transform: translate(0%, -50%);
81         background-color: orange;
82         color: white;
83         display: flex;
84         justify-content: center;
85         align-items: center;
86         margin-right: 5px;
87     }
88 }
89
90 .container3{
91     position: relative;
92     display: flex;
93     justify-content: center;
94     align-items: center;
95     background-color: lightgrey;
96     width:200px;
97     height:200px;
98     margin-bottom: 20px;
99
100
101 }
102 .child3{
103     position: absolute;
104     width:50px;
105     height:190px;
106     right:0px;
```

```
107     right:0px;
108     top: 50%; /* Position at the top */
109
110     transform: translate(0%, -50%);
111     background-color: orange;
112     color: white;
113     display: flex;
114     justify-content: center;
115     align-items: center;
116     margin-right: 5px;
117
118 }
119
120 .container4{
121     position: relative;
122     display: flex;
123     justify-content: center;
124     align-items: center;
125     background-color: lightgrey;
126     width: 200px;
127     height: 200px;
128     margin-bottom: 20px;
129
130
131
132 }
133 .child4{
134     position: absolute;
135     width: 50px;
136     height: 190px;
137     right: 50%;
138     top: 50%; /* Position at the top */
139     left: 0%;
140     transform: translate(0%, -50%);
141     background-color: orange;
```

```
133     .child4{
134         position: absolute;
135         width:50px;
136         height:190px;
137         right:50%px;
138         top: 50%; /* Position at the top */
139         left: 0%;
140         transform: translate(0%,-50%);
141         background-color: ■orange;
142         color: ■white;
143         display: flex;
144         justify-content: center;
145         align-items: center;
146         margin-left: 5px;
147
148
149     }
150
151
```

Output



EX03

.html

```
ex3.html > html > body
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>child element</title>
7          <link rel="stylesheet" href="ex3.css">
8      </head>
9      <body>
10         <div class="container1">
11             <div class="child1">
12                 <div class="small-box1"></div>
13                 <div class="small-box2"></div>
14                 <div class="small-box3"></div>
15             </div>
16         </div>
17
18         <div class="container2"></div>
19         <div class="child2">
20             <div class="small-box1"></div>
21             <div class="small-box2"></div>
22             <div class="small-box3"></div>
23         </div>
24
25         <div class="container3"></div>
26
27         <div class="child3">
28             <div class="small-box1_3"></div>
29             <div class="small-box2_3"></div>
30             <div class="small-box3_3"></div>
31         </div>
32
33         <div class="container4"></div>
34         <div class="child4">
35             <div class="small-box1_3"></div>
36             <div class="small-box2_3"></div>
37         </div>
```

```
35     <div class="child4">
36         <div class="small-box1_3"></div>
37         <div class="small-box2_3"></div>
38         <div class="small-box3_3"></div>
39     </div>
40
41
42 </body>
43
44 </html>
```





.CSS

```
1  .container1{
2      position: relative;
3      display: flex;
4      justify-content: flex-end;
5      align-items: center;
6      background-color: lightgrey;
7      width: 200px;
8      height: 200px;
9      margin-bottom: 20px;
10
11
12
13  }
14  .child1{
15      position: absolute;
16      width: 190px;
17      height: 50px;
18      right: 5px;
19      top: 50%; /* Position at the top */
20      left: 50%;
21      transform: translate(-50%, -50%);
22      background-color: orange;
23      color: white;
24      display: flex;
25      justify-content: center;
26      align-items: center;
27      margin-right: 20px;
28
29  }
30  .small-box1{
31      width: 50px;
32      height: 40px;
33      background-color: blue;
34      margin-right: 10px;
35  }
36  .small-box2{
37      width: 50px;
```

```
37     width:50px;
38     height:40px;
39     background-color: blue;
40     margin-left:0px ;
41 }
42 .small-box3{
43     width:50px;
44     height:40px;
45     background-color: blue;
46     margin-left: 10px;
47 }
48 .container2{
49     position: relative;
50     display:flex;
51     justify-content:flex-end;
52     align-items: center;
53     background-color: lightgrey;
54     width:200px;
55     height:200px;
56     margin-bottom: 20px;
57
58
59
60 }
61 .child2{
62     position: absolute;
63     width: 190px;
64     height: 50px;
65     bottom: 269px;
66     background-color: orange;
67     color: white;
68     display: flex;
69     flex: auto;
70     justify-content: center;
71     align-items: center;
72     margin-left: 5px;
```

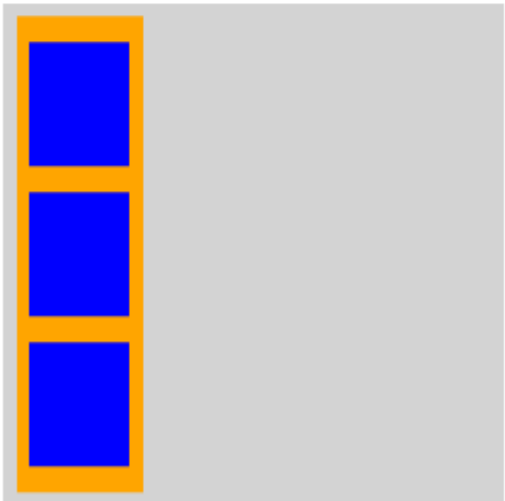
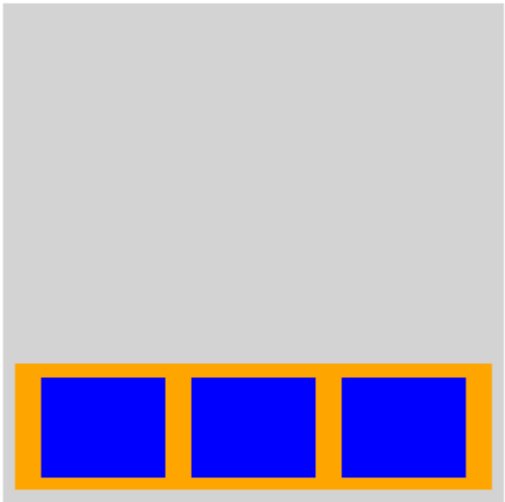
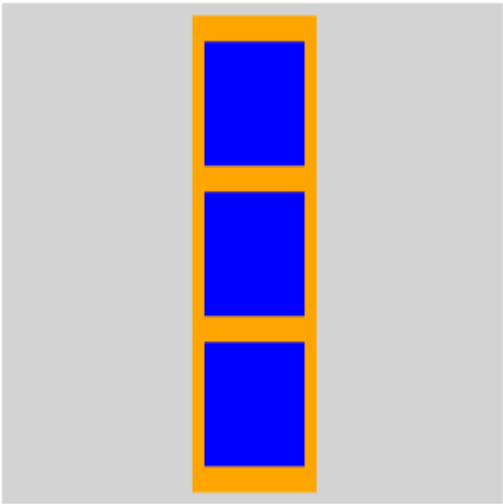
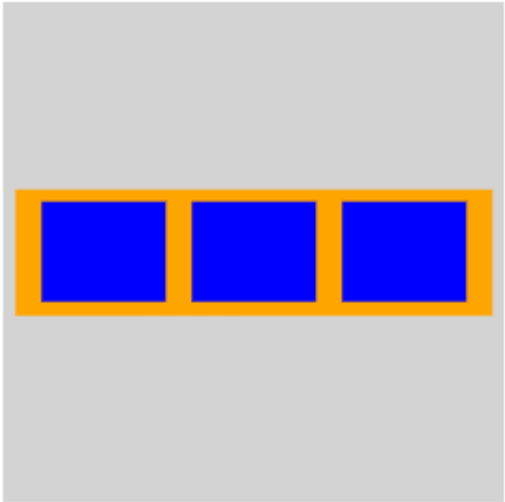


```
72     margin-left: 5px;
73
74 }
75 .container3{
76     position: relative;
77     display: flex;
78     justify-content: flex-end;
79     align-items: center;
80     background-color: lightgrey;
81     width: 200px;
82     height: 200px;
83     margin-bottom: 20px;
84
85
86
87 }
88 .child3{
89     position: absolute;
90     width: 50px;
91     height: 190px;
92     right: 510px;
93     top: 548px;
94
95     bottom: 10px;
96     transform: translate(0%, -50%);
97     background-color: orange;
98     flex-direction: column;
99     color: white;
100    display: flex;
101
102    justify-content: center;
103    align-items: center;
104
105
```

```
108     }
109     .small-box1_3{
110         width:40px;
111         height:50px;
112         background-color:  blue;
113         margin-bottom: 10px;
114         margin-top: 10px;
115     }
116     .small-box2_3{
117         width:40px;
118         height:50px;
119         background-color:  blue;
120         margin-bottom: 10px;
121     }
122     .small-box3_3{
123         width:40px;
124         height:50px;
125         background-color:  blue;
126         margin-bottom: 10px;
127     }
128     .container4{
129         position: relative;
130         display:flex;
131         justify-content:flex-end;
132         align-items: center;
133         background-color:  lightgrey;
134         width:200px;
135         height:200px;
136         margin-bottom: 20px;
137
138
139
140     }
```

```
138
139
140 }
141 .child4{
142     position: absolute;
143     width:50px;
144     height:190px;
145     right:440px;
146     top: 768px;
147
148     bottom:1px;
149     transform: translate(0%, -50%);
150     background-color: orange;
151     flex-direction: column;
152     color: white;
153     display: flex;
154
155     justify-content: center;
156     align-items: center;
157
158
159
160
161 }
162
```

Output



EX04

.html

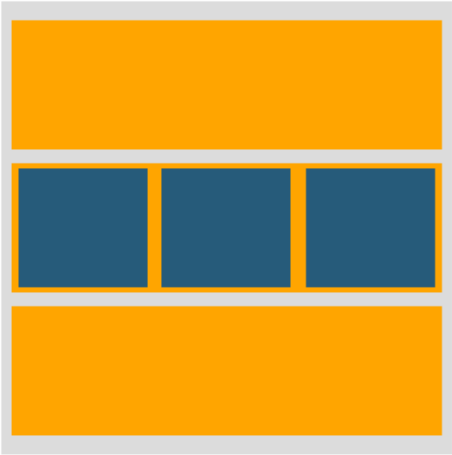
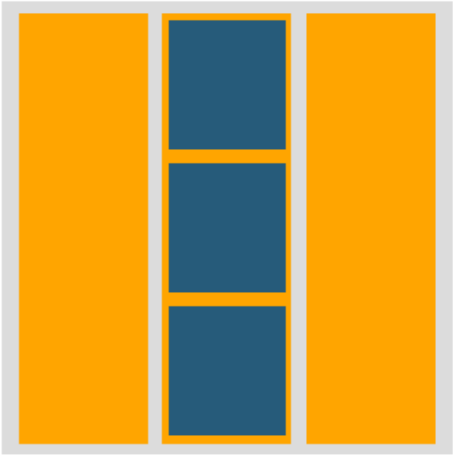
```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Absolute positioning</title>
7      <link rel="stylesheet" href="ex5.css">
8      <style>
9      </style>
10 </head>
11 <body>
12     <div class="wrapper">
13         <div class="child">
14
15         </div>
16     </div>
17
18     <div class="wrapper1">
19         <div class="child1">
20
21         </div>
22     </div>
23 </body>
24 </html>
```

.CSS

```
1  .wrapper{
2      width: 200px;
3      height: 200px;
4      background-color: ■ lightgray;
5      padding: 5;
6
7      top: 10px;
8      left: 100px;
9
10     position: relative;
11 }
12 .child{
13
14     position: absolute;
15     top:150px;
16     left: 50px;
17     translate: -100px -100px;
18
19     width: 100px;
20     height: 100px;
21     background-color: ■ darkgreen;
22     color: ■ white;
23
24     display: flex;
25     justify-content: center;
26     align-items: center;
27 }
28
29 .wrapper1{
30     width: 200px;
31     height: 200px;
32     background-color: ■ lightgray;
33     translate: 220px 20px;
34     padding: 5;
35
36     bottom: -10px;
37     left: 130px;
```

```
36     bottom: 10px;
37     left: 130px;
38
39     position: relative;
40 }
41 .child1{
42
43     position: absolute;
44     top: 250px;
45     right: -50px;
46     translate: -100px -100px;
47
48     width: 100px;
49     height: 100px;
50     background-color: darkgreen;
51     color: white;
52
53     display: flex;
54     justify-content: center;
55     align-items: center;
56
57 }
```

Output





EX05

.html

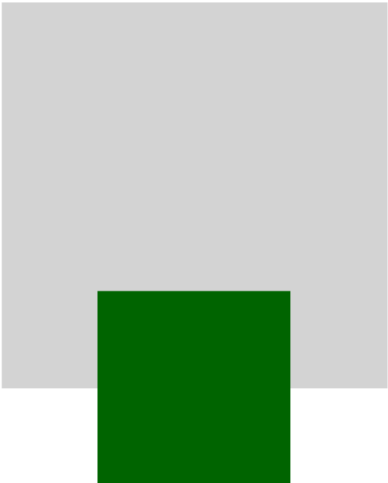
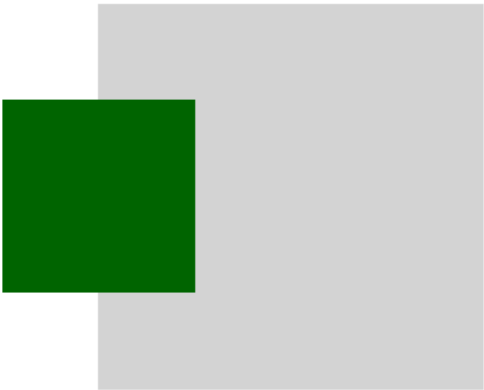
```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Absolute positioning</title>
7      <link rel="stylesheet" href="ex5.css">
8      <style>
9      </style>
10 </head>
11 <body>
12     <div class="wrapper">
13         <div class="child">
14
15         </div>
16     </div>
17
18     <div class="wrapper1">
19         <div class="child1">
20
21         </div>
22     </div>
23 </body>
24 </html>
```

.CSS

```
1  .wrapper{
2      width: 200px;
3      height: 200px;
4      background-color: lightgray;
5      padding: 5;
6
7      top: 10px;
8      left: 100px;
9
10     position: relative;
11 }
12 .child{
13
14     position: absolute;
15     top: 150px;
16     left: 50px;
17     translate: -100px -100px;
18
19     width: 100px;
20     height: 100px;
21     background-color: darkgreen;
22     color: white;
23
24     display: flex;
25     justify-content: center;
26     align-items: center;
27 }
28
29 .wrapper1{
30     width: 200px;
31     height: 200px;
32     background-color: lightgray;
33     translate: 220px 20px;
34     padding: 5;
35
36     bottom: -10px;
37     left: 130px;
```

```
37     left: 130px;|
38
39     position: relative;
40 }
41 .child1{
42
43     position: absolute;
44     top: 250px;
45     right: -50px;
46     translate: -100px -100px;
47
48     width: 100px;
49     height: 100px;
50     background-color:  darkgreen;
51     color:  white;
52
53     display: flex;
54     justify-content: center;
55     align-items: center;
56
57 }
```

Output



Ex06

.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>Absolute positioning</title>
7      <link rel="stylesheet" href="ex6.css">
8      <style>
9      </style>
10 </head>
11 <body>
12     <div class="wrapper">
13         <div class="child">
14         </div>
15         <div class="child1">
16         </div>
17         <div class="child2">
18         </div>
19     </div>
20
21     <div class="wrapper1">
22         <div class="child3">
23         </div>
24         <div class="child4">
25         </div>
26     </div>
27     <div class="wrapper2">
28         <div class="child5">
29         </div>
30         <div class="child6">
31         </div>
32         <div class="child7">
33         </div>
34     </div>
35
36 </body>
37 </html>
```

.CSS

```
1  .wrapper{
2      width: 200px;
3      height: 200px;
4      background-color: silver;
5      padding: 5;
6
7      position: relative;
8  }
9
10 .child{
11     position: absolute;
12     top:130px;
13     left: 135px;
14     translate: -100px -100px;
15
16     width: 125px;
17     height: 30px;
18     background-color: pink;
19     color: white;
20
21     display: flex;
22     justify-content: center;
23     align-items: center;
24 }
25
26 .child1{
27
28     position: absolute;
29     top:130px;
30     left: 183px;
31     translate: -100px -100px;
32
33     width: 30px;
34     height: 125px;
35     background-color: pink;
36     color: white;
37 }
```

```
41 }
42
43 .child2{
44
45     position: absolute;
46     top:240px;
47     left: 135px;
48     translate: -100px -100px;
49
50     width: 125px;
51     height: 30px;
52     background-color: #pink;
53     color: #white;
54
55     display: flex;
56     justify-content: center;
57     align-items: center;
58 }
59
60 .wrapper1{
61     width: 200px;
62     height: 200px;
63     background-color: #lightgray;
64     translate: 220px -200px;
65     padding: 5;
66
67     position: relative;
68 }
69
70 .child3{
71     position: absolute;
72     top:130px;
73     left: 135px;
74     translate: -100px -100px;
75
76     width: 125px;
77     height: 30px;
```

```
76     width: 125px;
77     height: 30px;
78     background-color: ■pink;
79     color: ■white;
80
81     display: flex;
82     justify-content: center;
83     align-items: center;
84 }
85
86 .child4{
87
88     position: absolute;
89     top:130px;
90     left: 183px;
91     translate: -100px -100px;
92
93     width: 30px;
94     height: 125px;
95     background-color: ■pink;
96     color: ■white;
97
98     display: flex;
99     justify-content: center;
100    align-items: center;
101 }
102
103 .wrapper2{
104     width: 200px;
105     height: 200px;
106     background-color: ■lightgray;
107     translate: 0px -180px;
108     padding: 5;
109     left: 115px;
110
111     position: relative;
```



```
111     position: relative;|
112 }
113
114 .child5{
115     position: absolute;
116     top:130px;
117     left: 135px;
118     translate: -100px -100px;
119
120     width: 125px;
121     height: 30px;
122     background-color: pink;
123     color: white;
124
125     display: flex;
126     justify-content: center;
127     align-items: center;
128 }
129
130 .child6{
131
132     position: absolute;
133     top:130px;
134     left: 135px;
135     translate: -100px -100px;
136
137     width: 30px;
138     height: 125px;
139     background-color: pink;
140     color: white;
141
142     display: flex;
143     justify-content: center;
144     align-items: center;
145 }
146
```

```
146
147 .child7{
148
149     position: absolute;
150     top:240px;
151     left: 135px;
152     translate: -100px -100px;
153
154     width: 125px;
155     height: 30px;
156     background-color: ■pink;
157     color: ■white;
158
159     display: flex;
160     justify-content: center;
161     align-items: center;
162 }
```

Output

