TP05

EX01

.html

```html
1    <!DOCTYPE html>
2    <html lang ="en">
3        <head>
4            <meta charset="UTF-8">
5            <meta name="viewport" content="width-device-width, inittial-scal=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>
```
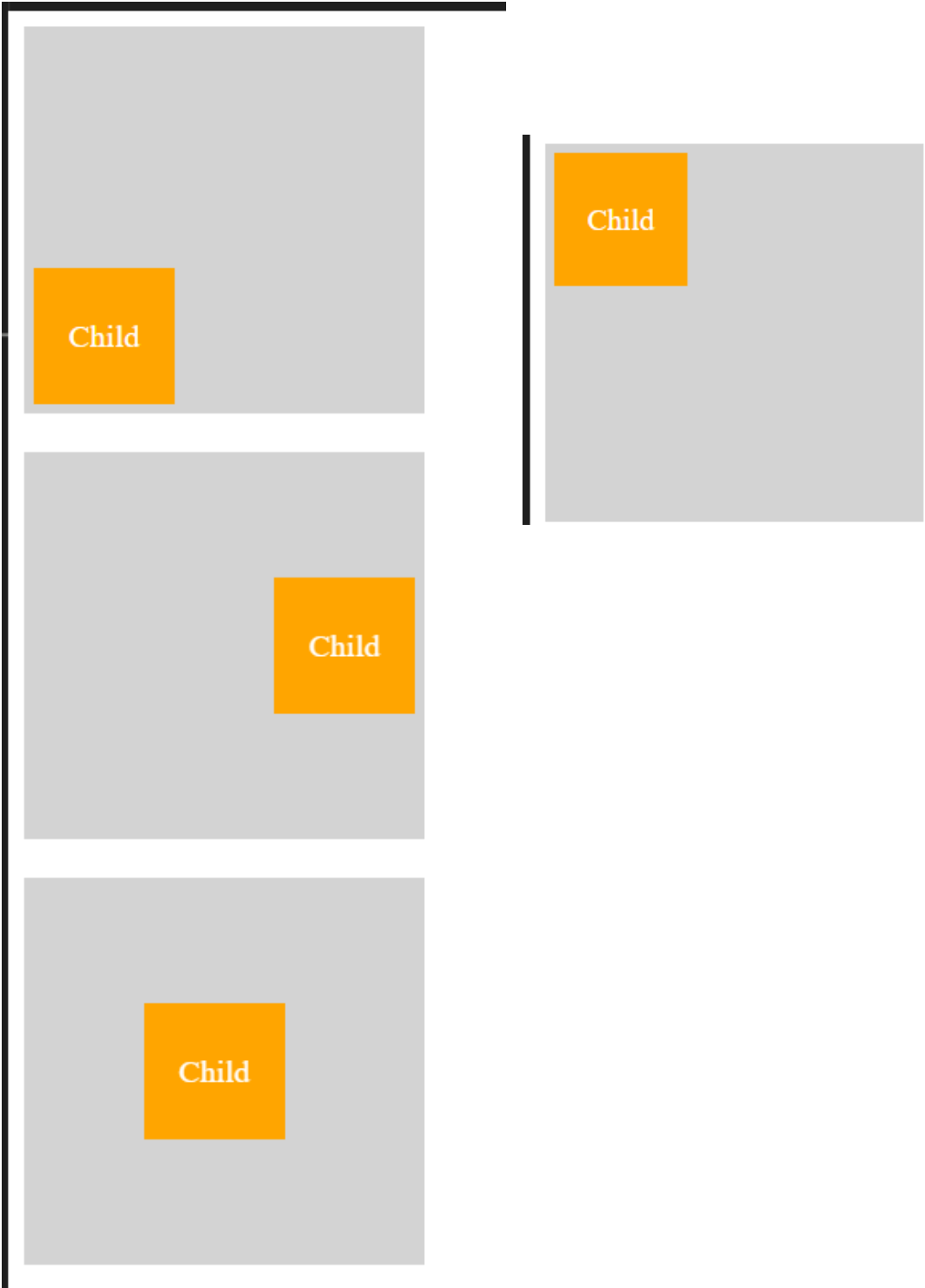
.CSS

```css
.container{
    display:flex;
    justify-content:end;
    align-items: flex;
    background-color: lightgrey;
    flex-direction:column;
    width:200px;
    height:200px;
    margin-bottom: 20px;


}
.child{
    width:70px;
    height:70px;
    background-color:orange;
    color:white;
    display: flex;
    justify-content: center;
    align-items: center;
    margin-left: 5px;
    margin-bottom: 5px;
    position: absolute;

}


.container1{
    display:flex;
    justify-content:end;
    align-items: center;
    background-color: lightgrey;
    width:200px;
    height:200px;
    margin-bottom: 20px;

}
```

```css
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
```

```css
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
```

Ex02

.html

```html
1   <!DOCTYPE html>
2   <html lang ="en">
3       <head>
4           <meta charset="UTF-8">
5           <meta name="viewport" content="width-device-width, inittial-scal=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;
```

```css
        height:200px;
        margin-bottom: 20px;



}
.child2{
    position: absolute;
    width:190px;
    height:50px;
    right:5px;
    top: 50%; /* Position at the top */
    left:50%;
    transform: translate(-50%, -50%);
    background-color: orange;
    color: white;
    display: flex;
    justify-content: center;
    align-items: center;
    margin-right: 20px;

}

.container3{
    position: relative;
    display:flex;
    justify-content:center;
    align-items: center;
    background-color: lightgrey;
    width:200px;
    height:200px;
    margin-bottom: 20px;


}
```

```css
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     }
103     .child3{
104         position: absolute;
105         width:50px;
106         height:190px;
107         right:0px;
```
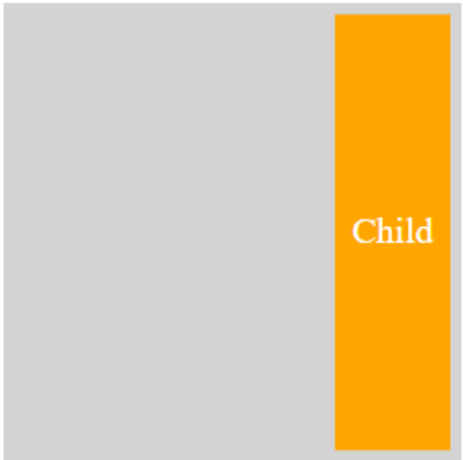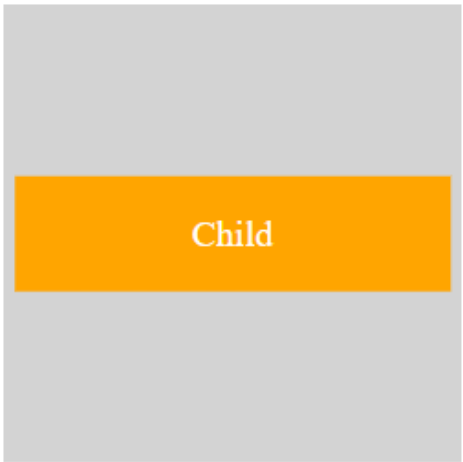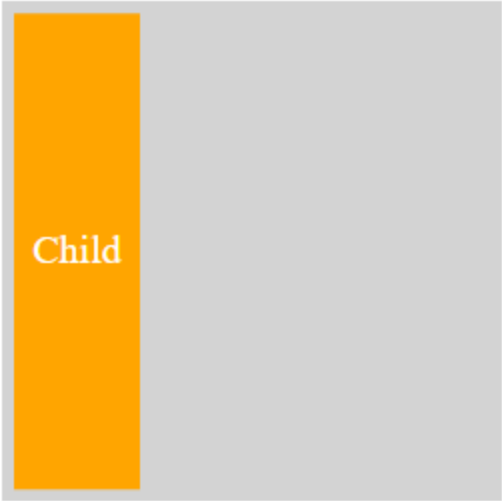
```css
        right:0px;
        top: 50%; /* Position at the top */

        transform: translate(0%, -50%);
        background-color: orange;
        color: white;
        display: flex;
        justify-content: center;
        align-items: center;
        margin-right: 5px;

    }

    .container4{
        position: relative;
        display:flex;
        justify-content:center;
        align-items: center;
        background-color: lightgrey;
        width:200px;
        height:200px;
        margin-bottom: 20px;



    }
    .child4{
        position: absolute;
        width:50px;
        height:190px;
        right:50%px;
        top: 50%; /* Position at the top */
        left: 0%;
        transform: translate(0%,-50%);
        background-color: orange;
```

```css
.child4{
    position: absolute;
    width:50px;
    height:190px;
    right:50%px;
    top: 50%; /* Position at the top */
    left: 0%;
    transform: translate(0%,-50%);
    background-color: orange;
    color: white;
    display: flex;
    justify-content: center;
    align-items: center;
    margin-left: 5px;


}
```

Output

Child

Child

Child

Child

Child

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, inittial-scal=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
16               </div>
17           </div>
18
19           <div class="container2"></div>
20           <div class="child2">
21               <div class="small-box1"></div>
22                   <div class="small-box2"></div>
23                   <div class="small-box3"></div>
24           </div>
25
26           <div class="container3"></div>
27
28           <div class="child3">
29               <div class="small-box1_3"></div>
30                   <div class="small-box2_3"></div>
31                   <div class="small-box3_3"></div>
32           </div>
33
34           <div class="container4"></div>
35           <div class="child4">
36               <div class="small-box1_3"></div>
37                   <div class="small-box2_3"></div>
```

```html
            <div class="child4">
                <div class="small-box1_3"></div>
                    <div class="small-box2_3"></div>
                    <div class="small-box3_3"></div>
            </div>


        </body>

</html>
```

.CSS

```css
.container1{
    position: relative;
    display:flex;
    justify-content:flex-end;
    align-items: center;
    background-color: lightgrey;
    width:200px;
    height:200px;
    margin-bottom: 20px;



}
.child1{
    position: absolute;
    width:190px;
    height:50px;
    right:5px;
    top: 50%; /* Position at the top */
    left:50%;
    transform: translate(-50%, -50%);
    background-color: orange;
    color: white;
    display: flex;
    justify-content: center;
    align-items: center;
    margin-right: 20px;

}
.small-box1{
    width:50px;
    height:40px;
    background-color: blue;
    margin-right: 10px;
}
.small-box2{
    width:50px;
```

```css
        width:50px;
        height:40px;
        background-color: blue;
        margin-left:0px ;
    }
    .small-box3{
        width:50px;
        height:40px;
        background-color: blue;
        margin-left: 10px;
    }
    .container2{
        position: relative;
        display:flex;
        justify-content:flex-end;
        align-items: center;
        background-color: lightgrey;
        width:200px;
        height:200px;
        margin-bottom: 20px;


    }
    .child2{
        position: absolute;
        width: 190px;
        height: 50px;
        bottom: 269px;
        background-color: orange;
        color: white;
        display: flex;
        flex: auto;
        justify-content: center;
        align-items: center;
        margin-left: 5px;
```
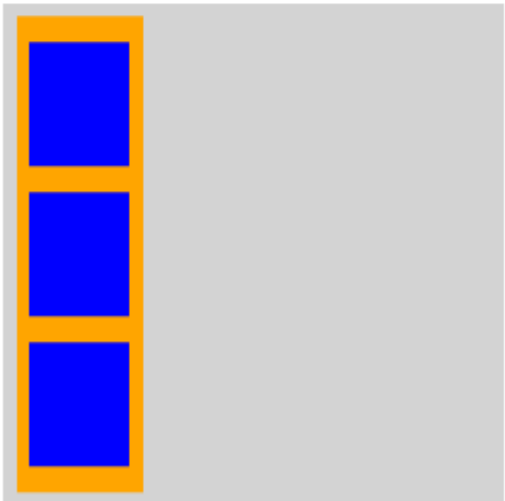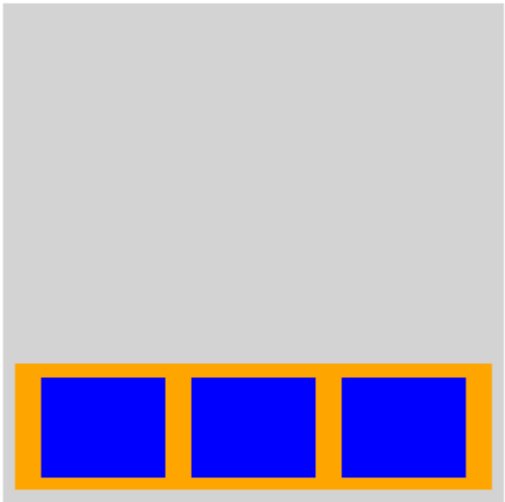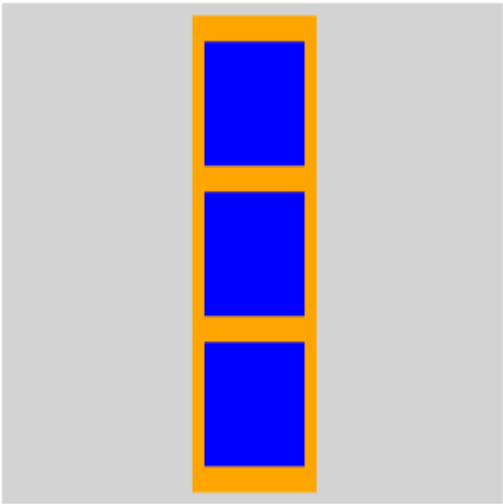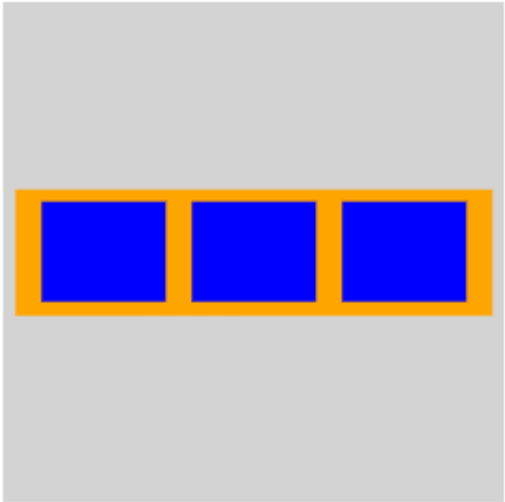
```css
        margin-left: 5px;

}
.container3{
    position: relative;
    display:flex;
    justify-content:flex-end;
    align-items: center;
    background-color: ◻lightgrey;
    width:200px;
    height:200px;
    margin-bottom: 20px;



}
.child3{
    position: absolute;
    width:50px;
    height:190px;
    right:510px;
    top: 548px;

    bottom:10px;
    transform: translate(0%, -50%);
    background-color:◻orange;
    flex-direction: column;
    color: ◻white;
    display: flex;

    justify-content: center;
    align-items: center;


```

```css
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    }
```

```css
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
```

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">

15           </div>
16       </div>

18       <div class="wrapper1">
19           <div class="child1">

21           </div>
22       </div>
23   </body>
24   </html>
```
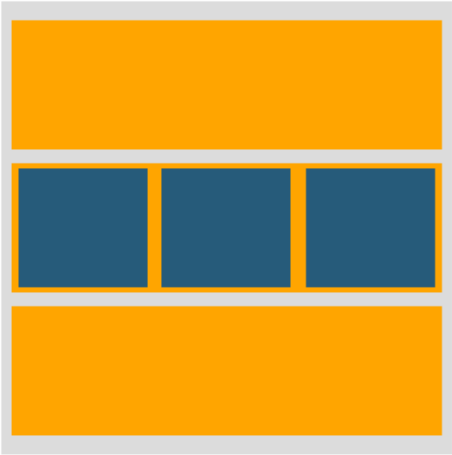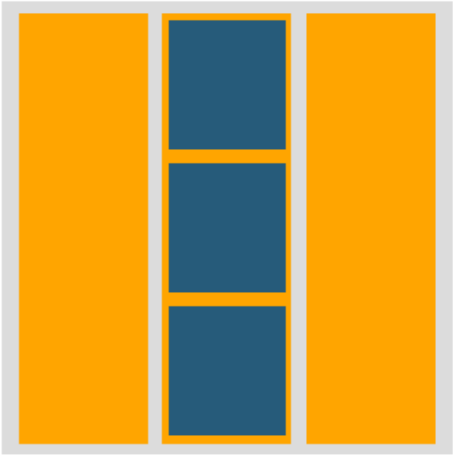
.CSS

```css
.wrapper{
    width: 200px;
    height: 200px;
    background-color: ◻lightgray;
    padding: 5;

    top: 10px;
    left: 100px;

    position: relative;
}
.child{

    position: absolute;
    top:150px;
    left: 50px;
    translate: -100px -100px;

    width: 100px;
    height: 100px;
    background-color: ◼darkgreen;
    color: ◻white;

    display: flex;
    justify-content: center;
    align-items: center;
}

.wrapper1{
    width: 200px;
    height: 200px;
    background-color: ◻lightgray;
    translate: 220px 20px;
    padding: 5;

    bottom: -10px;
    left: 130px;
```

```css
    left: 130px;

    position: relative;
}
.child1{

    position: absolute;
    top:  250px;
    right: -50px;
    translate: -100px -100px;

    width: 100px;
    height: 100px;
    background-color: darkgreen;
    color: white;

    display: flex;
    justify-content: center;
    align-items: center;

}
```

EX05

.html

```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>
```
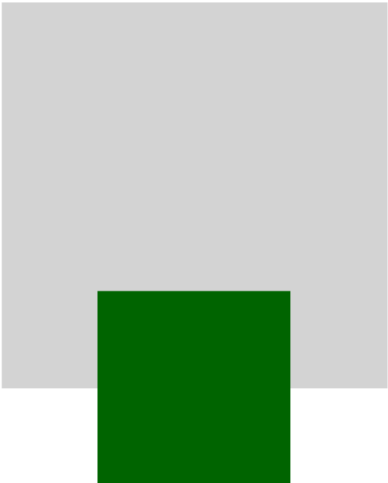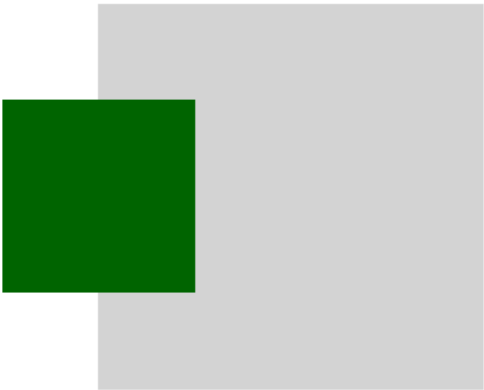
.CSS

```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;
```

```css
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    }
```

Ex06

.html

```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

```css
.wrapper{
    width: 200px;
    height: 200px;
    background-color: silver;
    padding: 5;

    position: relative;
}

.child{
    position: absolute;
    top:130px;
    left: 135px;
    translate: -100px -100px;

    width: 125px;
    height: 30px;
    background-color: pink;
    color: white;

    display: flex;
    justify-content: center;
    align-items: center;
}

.child1{

    position: absolute;
    top:130px;
    left: 183px;
    translate: -100px -100px;

    width: 30px;
    height: 125px;
    background-color: pink;
    color: white;
```

```css
}

.child2{

    position: absolute;
    top:240px;
    left: 135px;
    translate: -100px -100px;

    width: 125px;
    height: 30px;
    background-color: pink;
    color: white;

    display: flex;
    justify-content: center;
    align-items: center;
}

.wrapper1{
    width: 200px;
    height: 200px;
    background-color: lightgray;
    translate: 220px -200px;
    padding: 5;

    position: relative;
}

.child3{
    position: absolute;
    top:130px;
    left: 135px;
    translate: -100px -100px;

    width: 125px;
    height: 30px;
```

```css
    width: 125px;
    height: 30px;
    background-color: ■pink;
    color: ■white;

    display: flex;
    justify-content: center;
    align-items: center;
}

.child4{

    position: absolute;
    top:130px;
    left: 183px;
    translate: -100px -100px;

    width: 30px;
    height: 125px;
    background-color: ■pink;
    color: ■white;

    display: flex;
    justify-content: center;
    align-items: center;
}

.wrapper2{
    width: 200px;
    height: 200px;
    background-color: ■lightgray;
    translate: 0px -180px;
    padding: 5;
    left: 115px;

    position: relative;
```

```css
        position: relative;
}

.child5{
    position: absolute;
    top:130px;
    left: 135px;
    translate: -100px -100px;

    width: 125px;
    height: 30px;
    background-color: ■pink;
    color: ■white;

    display: flex;
    justify-content: center;
    align-items: center;
}

.child6{

    position: absolute;
    top:130px;
    left: 135px;
    translate: -100px -100px;

    width: 30px;
    height: 125px;
    background-color:■pink;
    color: ■white;

    display: flex;
    justify-content: center;
    align-items: center;
}
```

```css
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    }
```