```
1  <!DOCTYPE html>
2  <html lang="ko">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <title>트랜스폼</title>
7    <style>
8      * { margin: 0; padding: 0; }
9      body {
10       background-image: url(http://wooreeweb.com/img/grid.gif);
11     }
12     div {
13       width: 100px; height: 100px;
14       background-color: rgba(220, 20, 50, 0.4);
15       text-align: center; line-height: 100px;
16       position: absolute;
17     }
18   </style>
19   <style>
20     .box2 { transform: translateX(150px); }
21     .box3 { transform: translateY(150px); }
22     .box4 { transform: translateX(100px) translateY(100px); }
23     .box5 { transform: translate(200px, 200px); }
24   </style>
25 </head>
26 <body>
27   <div class="box1">box1</div>
28   <div class="box2">box2</div>
29   <div class="box3">box3</div>
30   <div class="box4">box4</div>
31   <div class="box5">box5</div>
32 </body>
33 </html>
```

01_이동(translate)-2.html

```
1  <!DOCTYPE html>
2  <html lang="ko">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <title>트랜스폼</title>
7    <style>
8      * { margin: 0; padding: 0; }
9      body {
10       background-image: url(http://wooreeweb.com/img/grid.gif);
11     }
12     div {
13       width: 100px; height: 100px; margin: 100px;
14       border: 5px solid #f00;
15       box-sizing: border-box;
16     }
17     div p {
18       width: 100%; height: 100%;
19       background-color: blue;
20       opacity: 0.3;
21       transition: all 0.6s;
22     }
23   </style>
24   <style>
25     .box1:hover p { transform: translateX(100px); }
26     .box2:hover p { transform: translateY(100px); }
27     .box3:hover p { transform: translate(50px, 50px); }
28   </style>
29 </head>
30 <body>
31   <div class="box1">
32     <p></p>
33   </div>
34   <div class="box2">
35     <p></p>
36   </div>
37   <div class="box3">
38     <p></p>
39   </div>
40 </body>
41 </html>
```

```
1  <!DOCTYPE html>
2  <html lang="ko">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <title>트랜스폼</title>
7    <style>
8      * { margin: 0; padding: 0; }
9      body {
10       background-image: url(http://wooreeweb.com/img/grid.gif);
11     }
12     div {
13       width: 100px; height: 100px; margin: 100px;
14       border: 5px solid #f00;
15       box-sizing: border-box;
16     }
17     div p {
18       width: 100%; height: 100%;
19       background-color: blue;
20       opacity: 0.3;
21       transition: all 0.6s;
22     }
23   </style>
24   <style>
25     .box1:hover p { transform: scaleX(1.5); }
26     .box2:hover p { transform: scaleY(0.5); }
27     .box3:hover p { transform: scale(2); }
28   </style>
29  </head>
30  <body>
31    <div class="box1">
32      <p></p>
33    </div>
34    <div class="box2">
35      <p></p>
36    </div>
37    <div class="box3">
38      <p></p>
39    </div>
40    <div class="box4">
41      <p></p>
42    </div>
43  </body>
44  </html>
```

03_기울임(skew).html

```html
1  <!DOCTYPE html>
2  <html lang="ko">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <title>트랜스폼</title>
7    <style>
8      * { margin: 0; padding: 0; }
9      body {
10       background-image: url(http://wooreeweb.com/img/grid.gif);
11     }
12     div {
13       width: 100px; height: 100px; margin: 100px;
14       border: 5px solid #f00;
15       box-sizing: border-box;
16     }
17     div p {
18       width: 100%; height: 100%;
19       background-color: blue;
20       opacity: 0.3;
21       transition: all 0.6s;
22     }
23   </style>
24   <style>
25     .box1:hover p { transform: skewX(10deg); }
26     .box2:hover p { transform: skewY(20deg); }
27     .box3:hover p { transform: skewX(10deg) skewY(10deg); }
28     .box4:hover p { transform: skew(30deg, 30deg); }
29   </style>
30 </head>
31 <body>
32   <div class="box1">
33     <p></p>
34   </div>
35   <div class="box2">
36     <p></p>
37   </div>
38   <div class="box3">
39     <p></p>
40   </div>
41   <div class="box4">
42     <p></p>
43   </div>
44 </body>
45 </html>
```

```
1   <!DOCTYPE html>
2   <html lang="ko">
3   <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>트랜스폼</title>
7     <style>
8       * { margin: 0; padding: 0; }
9       body {
10        background-image: url(http://wooreeweb.com/img/grid.gif);
11      }
12      div {
13        width: 100px; height: 100px; margin: 100px;
14        border: 5px solid #f00;
15        box-sizing: border-box;
16      }
17      div p {
18        width: 100%; height: 100%;
19        background-color: blue;
20        opacity: 0.3;
21        transition: all 0.6s linear;
22      }
23    </style>
24    <style>
25      .box1:hover p { transform: rotate(10deg); }
26      .box2:hover p { transform: rotate(45deg); }
27      .box3:hover p { transform: rotate(-45deg); }
28      .box4:hover p { transform: rotate(855deg); }
29    </style>
30  </head>
31  <body>
32    <div class="box1">
33      <p></p>
34    </div>
35    <div class="box2">
36      <p></p>
37    </div>
38    <div class="box3">
39      <p></p>
40    </div>
41    <div class="box4">
42      <p></p>
43    </div>
44  </body>
45  </html>
```

```
1  <!DOCTYPE html>
2  <html lang="ko">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <title>트랜스폼</title>
7    <style>
8      * { margin: 0; padding: 0; }
9      body {
10       background-image: url(http://wooreeweb.com/img/grid.gif);
11     }
12     div {
13       width: 100px; height: 100px; margin: 100px;
14       border: 5px solid #f00;
15       box-sizing: border-box;
16     }
17     div p {
18       width: 100%; height: 100%;
19       background-color: blue;
20       opacity: 0.3;
21       transition: all 0.6s linear;
22     }
23   </style>
24   <style>
25     .box1:hover p { transform: rotate(10deg); }
26     .box2:hover p { transform: rotate(45deg); }
27     .box3:hover p { transform: rotate(90deg); }
28     .box4:hover p { transform: rotate(90deg); }
29   </style>
30   <style>
31     .box1:hover p { transform-origin: 50% 50%; }
32     .box2:hover p { transform-origin: 0 0; }
33     .box3:hover p { transform-origin: left bottom; }
34     .box4 p { transform-origin: left bottom; }
35   </style>
36 </head>
37 <body>
38   <div class="box1">
39     <p></p>
40   </div>
41   <div class="box2">
42     <p></p>
43   </div>
44   <div class="box3">
45     <p></p>
46   </div>
47   <div class="box4">
48     <p></p>
49   </div>
50 </body>
51 </html>
```

```
1  <!DOCTYPE html>
2  <html lang="ko">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <title>트랜스폼</title>
7    <style>
8      * { margin: 0; padding: 0; }
9      body {
10       background-image: url(http://wooreeweb.com/img/grid.gif);
11     }
12     div {
13       width: 100px; height: 100px; margin: 100px;
14       border: 5px solid #f00;
15       box-sizing: border-box;
16     }
17     div p {
18       width: 100%; height: 100%;
19       background-color: blue;
20       opacity: 0.3;
21       transition: all 0.6s linear;
22     }
23   </style>
24   <style>
25     div:hover p { transform: rotateY(180deg); }
26   </style>
27   <style>
28     .box1 { perspective: 400px; }
29     .box2 { perspective: 800px; }
30     .box3 { perspective: 1000px; }
31     .box4 { perspective: 150px; }
32   </style>
33 </head>
34 <body>
35   <div class="box1">
36     <p></p>
37   </div>
38   <div class="box2">
39     <p></p>
40   </div>
41   <div class="box3">
42     <p></p>
43   </div>
44   <div class="box4">
45     <p></p>
46   </div>
47 </body>
48 </html>
```

07_3D회전.html

```html
1  <!DOCTYPE html>
2  <html lang="ko">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <title>트랜스폼</title>
7    <style>
8      * { margin: 0; padding: 0; }
9      body {
10       background-image: url(http://wooreeweb.com/img/grid.gif);
11     }
12     div {
13       width: 100px; height: 100px; margin: 100px;
14       border: 5px solid #f00;
15       box-sizing: border-box;
16     }
17     div p {
18       width: 100%; height: 100%;
19       background-color: blue;
20       opacity: 0.3;
21       transition: all 0.6s linear;
22     }
23   </style>
24   <style>
25     div { perspective: 400px; }
26     .box1:hover p { transform: rotateX(45deg); }
27     .box2:hover p { transform: rotateY(45deg); }
28     .box3:hover p { transform: rotateZ(45deg); }
29     .box4:hover p { transform: rotate(45deg); }
30   </style>
31 </head>
32 <body>
33   <div class="box1">
34     <p></p>
35   </div>
36   <div class="box2">
37     <p></p>
38   </div>
39   <div class="box3">
40     <p></p>
41   </div>
42   <div class="box4">
43     <p></p>
44   </div>
45 </body>
46 </html>
```

08_Z축이동.html

```html
1  <!DOCTYPE html>
2  <html lang="ko">
3  <head>
4    <meta charset="UTF-8">
5    <meta name="viewport" content="width=device-width, initial-scale=1.0">
6    <title>트랜스폼</title>
7    <style>
8      * { margin: 0; padding: 0; }
9      body {
10       background-image: url(http://wooreeweb.com/img/grid.gif);
11     }
12     div {
13       width: 100px; height: 100px; margin: 100px;
14       border: 5px solid #f00;
15       box-sizing: border-box;
16     }
17     div p {
18       width: 100%; height: 100%;
19       background-color: blue;
20       opacity: 0.3;
21       transition: all 0.6s linear;
22     }
23   </style>
24   <style>
25     div { perspective: 1000px; }
26     .box1:hover p { transform: translateZ(-1000px); }
27     .box2:hover p { transform: translateZ(-500px); }
28     .box3:hover p { transform: translateZ(0); }
29     .box4:hover p { transform: translateZ(500px); }
30   </style>
31  </head>
32  <body>
33    <div class="box1">
34      <p></p>
35    </div>
36    <div class="box2">
37      <p></p>
38    </div>
39    <div class="box3">
40      <p></p>
41    </div>
42    <div class="box4">
43      <p></p>
44    </div>
45  </body>
46  </html>
```