

Use js, HTML, css para implementar un reloj de puntero simple

Etiquetas: js css html css3 es6

Use js, HTML, css para implementar un reloj de puntero simple, como se muestra en la figura:



código HTML:

```
1 <div id="box">
2     <ul id="list"></ul>
3     <div id="hour"></div>
4     <div id="min"></div>
5     <div id="sec"></div>
6     <div id="ico"></div>
7 </div>
```

código CSS:

```
1 #box {
2     width: 200px;
3     height: 200px;
4     border: 1px solid #000000;
5     border-radius: 50% ;
6     margin: 50px auto;
7     position: relative;
8 }
9 #list{
10     position: relative;
11     height: 100%;
12     margin: 0;
13     padding: 0;
14     list-style: none;
15 }
16 #list li{
17     width: 1px;
18     height: 1px;
19     background: #000000;
20     position: absolute;
21     top: 0;
22     left: 100px;
23     transform origin:center 100px;
24 }
25 #list li:nth-of-type(5n+1){
26     width: 2px;
27     height: 10px;
28 }
29 #ico,#hour,#min,#sec{
30     position: absolute;
31     background: black;
32 }
33 #ico{
34     width: 10px;
35     height: 10px;
36     border-radius: 50%;
37     left: 0;
38     top: 0;
39     right: 0;
40     bottom: 0;
41     margin: auto;
42 }
43 #hour{
44     height: 50px;
45     width: 5px;
46     left: 98px;
47     top: 48px;
48     transform origin:bottom ;
49 }
50 #min{
51     height: 60px;
52     width: 3px;
53     background: blue;
54     top: 38px;
55     left: 99px;
56     transform origin: bottom;
57 }
58 #sec{
59     height: 80px;
60     width: 1px;
61     background: red;
62     top: 18px;
63     left: 100px;
64     transform origin: bottom;
65 }
```

código js:

```
1 window.onload = function(){
2     let list = document.getElementById('list'); // marcar
3     let hour = document.getElementById('hour'); // manecilla de la hora
4     let min = document.getElementById('min'); // minuterio
5     let sec = document.getElementById('sec'); // segunda mano
6     let ico = document.getElementById('ico');
7     let css = document.getElementById('css');
8
9     let lis = '';
10    for(let i=0;i<60;i++){ // Genera la escala en el dial
11        lis += '<li></li>';
12        css.innerHTML += "#list li:nth-of-type("+(i+1)+"){transform:rotate("+(i*6+"deg)}}";
13    }
14    list.innerHTML = lis;
15    time();
16    setInterval(time,1000);
17
18    function time(){
19        let data = new Date();
20        let s = data.getSeconds();
21        let m = data.getMinutes()*s/60;
22        let h = data.getHours()*m/60;
23        hour.style.transform = "rotate("+(h*30+"deg))";
24        min.style.transform = "rotate("+(m*6+"deg))";
25        sec.style.transform = "rotate("+(s*6+"deg))";
26    }
27 }
```