使用css实现电子数字效果

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8:20

<<digital.css>>

**HTML:**

<div class="light">

    <div class="digits"></div>

</div>

**CSS:**

/\*  The Digits  \*/

        .light{

            width: 200px;

            background: #f4f5f7;

            height: 60px;

            text-align: center;

        }

        .digits div{

            text-align:left;

            position:relative;

            width: 28px;

            height:50px;

            display:inline-block;

            margin:0 4px;

        }

        .light .digits div span {

            background-color: #272e38;

            border-color: #272e38;

        }

        .digits div span{

            opacity:0;

            position:absolute;

            -webkit-transition:0.25s;

            -moz-transition:0.25s;

            transition:0.25s;

        }

        .digits div span:before,

        .digits div span:after{

            content:'';

            position:absolute;

            width:0;

            height:0;

            border:5px solid transparent;

        }

        .digits .d1{            height:5px;width:16px;top:0;left:6px;}

        .digits .d1:before{ border-width:0 5px 5px 0;border-right-color:inherit;left:-5px;}

        .digits .d1:after{  border-width:0 0 5px 5px;border-left-color:inherit;right:-5px;}

        .digits .d2{            height:5px;width:16px;top:24px;left:6px;}

        .digits .d2:before{ border-width:3px 4px 2px;border-right-color:inherit;left:-8px;}

        .digits .d2:after{  border-width:3px 4px 2px;border-left-color:inherit;right:-8px;}

        .digits .d3{            height:5px;width:16px;top:48px;left:6px;}

        .digits .d3:before{ border-width:5px 5px 0 0;border-right-color:inherit;left:-5px;}

        .digits .d3:after{  border-width:5px 0 0 5px;border-left-color:inherit;right:-5px;}

        .digits .d4{            width:5px;height:14px;top:7px;left:0;}

        .digits .d4:before{ border-width:0 5px 5px 0;border-bottom-color:inherit;top:-5px;}

        .digits .d4:after{  border-width:0 0 5px 5px;border-left-color:inherit;bottom:-5px;}

        .digits .d5{            width:5px;height:14px;top:7px;right:0;}

        .digits .d5:before{ border-width:0 0 5px 5px;border-bottom-color:inherit;top:-5px;}

        .digits .d5:after{  border-width:5px 0 0 5px;border-top-color:inherit;bottom:-5px;}

        .digits .d6{            width:5px;height:14px;top:32px;left:0;}

        .digits .d6:before{ border-width:0 5px 5px 0;border-bottom-color:inherit;top:-5px;}

        .digits .d6:after{  border-width:0 0 5px 5px;border-left-color:inherit;bottom:-5px;}

        .digits .d7{            width:5px;height:14px;top:32px;right:0;}

        .digits .d7:before{ border-width:0 0 5px 5px;border-bottom-color:inherit;top:-5px;}

        .digits .d7:after{  border-width:5px 0 0 5px;border-top-color:inherit;bottom:-5px;}

        /\* 1 \*/

        .digits div.one .d5,

        .digits div.one .d7{

            opacity:1;

        }

        /\* 2 \*/

        .digits div.two .d1,

        .digits div.two .d5,

        .digits div.two .d2,

        .digits div.two .d6,

        .digits div.two .d3{

            opacity:1;

        }

        /\* 3 \*/

        .digits div.three .d1,

        .digits div.three .d5,

        .digits div.three .d2,

        .digits div.three .d7,

        .digits div.three .d3{

            opacity:1;

        }

        /\* 4 \*/

        .digits div.four .d5,

        .digits div.four .d2,

        .digits div.four .d4,

        .digits div.four .d7{

            opacity:1;

        }

        /\* 5 \*/

        .digits div.five .d1,

        .digits div.five .d2,

        .digits div.five .d4,

        .digits div.five .d3,

        .digits div.five .d7{

            opacity:1;

        }

        /\* 6 \*/

        .digits div.six .d1,

        .digits div.six .d2,

        .digits div.six .d4,

        .digits div.six .d3,

        .digits div.six .d6,

        .digits div.six .d7{

            opacity:1;

        }

        /\* 7 \*/

        .digits div.seven .d1,

        .digits div.seven .d5,

        .digits div.seven .d7{

            opacity:1;

        }

        /\* 8 \*/

        .digits div.eight .d1,

        .digits div.eight .d2,

        .digits div.eight .d3,

        .digits div.eight .d4,

        .digits div.eight .d5,

        .digits div.eight .d6,

        .digits div.eight .d7{

            opacity:1;

        }

        /\* 9 \*/

        .digits div.nine .d1,

        .digits div.nine .d2,

        .digits div.nine .d3,

        .digits div.nine .d4,

        .digits div.nine .d5,

        .digits div.nine .d7{

            opacity:1;

        }

        /\* 0 \*/

        .digits div.zero .d1,

        .digits div.zero .d3,

        .digits div.zero .d4,

        .digits div.zero .d5,

        .digits div.zero .d6,

        .digits div.zero .d7{

            opacity:1;

        }

        /\* dot \*/

        .digits div.dot{

            width: 5px;

        }

        .dot:after{

            width: 5px;

            height: 5px;

            content: '';

            position: absolute;

            left: 0;

            bottom: 0px;

            background-color: #272e38;

        }

**JS:**

function clocknum(num) {  
 $('.digits').empty();  
 var html = '';  
 var strarr = num.toString().split('');  
 var digit\_to\_name = 'zero one two three four five six seven eight nine'.split(' ');  
 for(var i=0; i<strarr.length; i++){  
 if(strarr[i] == '.'){  
 html += '<div class="dot"></div>'  
 } else {  
 var clasname = digit\_to\_name[strarr[i]];  
 html += '<div class="'+clasname+'">' +  
 '<span class="d1"></span>' +  
 '<span class="d2"></span>' +  
 '<span class="d3"></span>' +  
 '<span class="d4"></span>' +  
 '<span class="d5"></span>' +  
 '<span class="d6"></span>' +  
 '<span class="d7"></span>' +  
 '</div>';  
 }  
 }  
 $('.digits').append(html);  
 }  
clocknum(0.56); //执行