

```

1  /*jslint esnext:true, browser: true*/
2  export default class Noel {
3      /**
4       * Méthode qui
5       */
6      static main() {
7          this.cycle = 20000; //
8          //
9          this.flocons = ["epines", "sapins", "coeurs",
10             "treillis", "classique"];
11          //
12          this.app = document.getElementById("app");
13          //
14          for (let x = 0; x < 500; x += 1) {
15              //
16              window.setTimeout(() => {
17                  //
18                  this.ajouterFlocon();
19                  }, Math.random() * this.cycle * 1.5);
20          }
21      }
22
23      /**
24       * Méthode qui
25       */
26      static ajouterFlocon() {
27          //
28          var flocon = this.app.appendChild(this.flocon());
29          //
30          var ratio = Math.pow(Math.random(), 2);
31          //
32          var ratioTaille = ratio * 0.75 + 0.25;
33          //
34          flocon.style.fontSize = (128 * ratioTaille) + "px";
35          //
36          flocon.style.top = -(Math.random() * 3 + 1) + "em";
37          //
38          flocon.style.left = Math.random() * 100 + "%";
39          //
40          window.setTimeout(() => {
41              //
42              flocon.style.transition = (this.cycle / ratio) + "ms";
43              //
44              flocon.style.top = "110%";
45          }, 100);
46          //
47          flocon.addEventListener("transitionend", (e) => {
48              //
49              var flocon = e.currentTarget;
50              flocon.parentNode.removeChild(flocon);
51              //
52              this.ajouterFlocon();
53          });
54      }
55

```

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56     /**
57     * Méthode qui
58     * @returns {          }
59     */
60     static flocon() {
61         //
62         var noFlocon = Math.floor(Math.random() * this.flocons.length);
63         //
64         var variante = this.flocons[noFlocon];
65         //
66         var resultat = document.createElement("div");
67         resultat.classList.add("flocon");
68         //
69         resultat.innerHTML = '<svg>' +
70             '<use href="images/flocons.svg#'+variante+'"></use>' +
71             '</svg>';
72         return resultat;
73     }
74 }
75
76 =====
77 CSS
78 =====
79
80 #app {
81     position: relative; overflow: hidden;
82     background-color: #6666ff;
83     background-image: linear-gradient(to bottom, rgba(255,255,255,0),
84         rgba(255,255,255,.7))
85 }
86 div.flocon {
87     width: 1em; height: 1em;
88     font-size: 64px;
89     position: absolute;
90     svg {
91         width: 100%; height: 100%;
92         fill: white; fill-opacity: .5;
93     }
94 }
95 div.flocon {
96     animation-name: swing, tourne;
97     animation-direction: alternate;
98     animation-duration: 2300ms, 2700ms;
99     animation-timing-function: cubic-bezier(0.5, 0, 0.5, 1), ease-in-out;
100    animation-iteration-count: infinite;
101    transition-timing-function: cubic-bezier(0.5, 0.1, 0.9, 0.5);
102 }
103 @keyframes swing {
104     0% { margin-left: -1em; }
105     100% { margin-left: 1em; }
106 }
107 @keyframes tourne {
108     0% { transform: rotate(60deg); }
109     100% { transform: rotate(-60deg); }
110 }

```