

Teddywaddy Code Club

Activity 2k

Christmas delivery



<https://trinket.io/html/d9c839b412>

Christmas delivery

In this exercise you will be creating a Christmas greeting with animation.

Each page has some instructions on what to change.

First, let's get all the main parts loaded onto the page.

Add a background image.

```
5  .container {  
6      position:relative;  
7      height: 100vh;  
8      background-image: none;  
9  }
```

background-image: url("snowflakes.jpg");

Add a Christmas tree at line 94.

```
90  <body>  
91  <div class="container">  
92  <h1 class="heading">Merry<br><br>Christmas</h1>  
93  
94  
95  <div class="ball-1"></div>  
96  <div class="ball-2"></div>  
97  <div class="ball-3"></div>  
98  
99  </div>  
100 </body>
```


Add some children hiding behind the tree at line 93.

```
90 <body>
91   <div class="container">
92     <h1 class="heading">Merry<br><br>Christmas</h1>
93
94
95     <div class="ball-1"></div>
96     <div class="ball-2"></div>
97     <div class="ball-3"></div>
98
99   </div>
100 </body>
```

``

Add Santa at line 98.

```
90 <body>
91   <div class="container">
92     <h1 class="heading">Merry<br><br>Christmas</h1>
93
94
95     <div class="ball-1"></div>
96     <div class="ball-2"></div>
97     <div class="ball-3"></div>
98
99   </div>
100 </body>
```

``

Move the three pink ball decorations around the tree and make them light up!

Change the top and left values to move a decoration

Just for now, change the background-colour to blue

```
32 ▾ .ball-1 {  
33     position: absolute;  
34     width: 30px;  
35     height: 30px;  
36     top: 35%;  
37     left: 18%;  
38     background-color: pink;  
39     border-radius: 15px;  
40     animation: none;  
41 }  
42 ▾ .ball-2 {  
43     position: absolute;  
44     width: 30px;  
45     height: 30px;  
46     top: 35%;  
47     left: 25%;  
48     background-color: pink;  
49     border-radius: 15px;  
50     animation: none;  
51 }  
52 ▾ .ball-3 {  
53     position: absolute;  
54     width: 30px;  
55     height: 30px;  
56     top: 35%;  
57     left: 10%;  
58     background-color: pink;  
59     border-radius: 15px;  
60     animation: none;  
61 }
```

Another one here

Another one here

Make them change colour

```
32 ▾ .ball-1 {  
33     position:  
34     width: 30px;  
35     height: 30px;  
36     top: 35%;  
37     left: 18%;  
38     background-color:  
39     border-radius: 15px;  
40     animation: none;  
41 }  
42 ▾ .ball-2 {  
43     position: absolute;  
44     width: 30px;  
45     height: 30px;  
46     top: 35%;  
47     left: 25%;  
48     background-color: pink;  
49     border-radius: 15px;  
50     animation: none;  
51 }  
52 ▾ .ball-3 {  
53     position: absolute;  
54     width: 30px;  
55     height: 30px;  
56     top: 35%;  
57     left: 10%;  
58     background-color: pink;  
59     border-radius: 15px;  
60     animation: none;  
61 }
```

animation: lights 1s linear infinite;

Each ball can change at a different speed. Change the 1s number (can even be less than 1 second).

The colours are chosen at lines 75, 76 and 77.

```
74 ▾ @keyframes lights {  
75     0% {background-color: blue;}  
76     50% {background-color: red;}  
77     100% {background-color: blue;}  
78 }
```

Change the colours to what you like.

Get Santa moving.

```
62 ▾  
63  
64  
65  
66  
67  
68
```

```
.santa {  
  position: absolute;  
  top: 0%;  
  right: 0%;  
  height: 50%;  
  animation: none;  
}
```

animation: santa 10s;

Change the 10s number to make Santa move faster or slower.

```
79 ▾  
80  
81  
82
```

```
@keyframes santa {  
  0% {top: 0%; right: 0%;}  
  100% {top: 60%; right: 50%;}  
}
```

Change the top and right starting position for Santa

The 0% line is where Santa starts.

The 100% line is where Santa lands.

If you get stuck, these values might work.

```
0% {top: 0%; right: -20%;}
```

```
100% {top: 60%; right: 50%;}
```

Get those children moving too!

```
24 ▾  
25  
26  
27  
28  
29  
30  
31
```

```
.children {  
  position: absolute;  
  top: 30%;  
  left: 15%;  
  height: 30%;  
  transform: rotateZ(45deg);  
  animation: none;  
}
```

animation: children 10s linear;

You can adjust how long they take by changing the 10s number.

You can also change the starting, middle and ending position of the children.

By having a middle (80%) position we can make them come out faster at the end.

```
83 ▾  
84  
85  
86  
87
```

```
@keyframes children {  
  0% {top: 50%; left: 5%;}  
  80% {top: 45%; left: 10%;}  
  100% {top: 30%; left: 15%;}  
}
```


Finally, improve the greeting.

Firstly, change the look of the greeting by changing the font-size and the color.

```
10  .heading {  
11      position: absolute;  
12      top: 30%;  
13      left: 50%;  
14      color: black;  
15      font-size: 12pt;  
16      animation: none;  
17  }
```

Make the heading appear just at the end
animation: heading 10s linear;

Just like Santa and the children, you can change how quickly the greeting appears.

Just change the 90% to another number (between 0% and 100%) to see the effect.

```
69  @keyframes heading {  
70      0% {opacity: 0;}  
71      90% {opacity: 0;}  
72      100% {opacity: 1;}  
73  }
```