

```
1. <!DOCTYPE html>
2. <html lang="en">
3. <head>
4.   <meta charset="UTF-8">
5.   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6.   <meta http-equiv="X-UA-Compatible" content="ie=edge">
7.   <title>Weather Api</title>
8.   <link rel="stylesheet" href="./assets/style.css">
9.   <link href="https://fonts.googleapis.com/css?family=Abel" rel="stylesheet">
10. </head>
11. <body>
12.
13.   <div class="container">
14.     <div class="weather-box">
15.       <div class="row1">
16.         <h2 class="weather-location"></h2>
17.         <canvas class="weatherType" id="icon1" width="128" height="128"></canvas>
18.       </div>
19.       <div class="row2">
20.         <h1 class="temp"></h1>
21.         <span class="temp-type">°C</span>
22.       </div>
23.       <h2 class="weather-description"></h2>
24.       <p class="made-by">Made by Meshack.</p>
25.     </div>
26.   </div>
27.   <script src="./assets/js/skycons.js"></script>
28.   <script src="./assets/js/jquery-3.2.1.min.js"></script>
29.   <script src="./assets/js/main.js"></script>
```

30. </body>

31. </html>

II. \*{

padding: 0px;

margin: 0px;

}

.container{

height: 100vh;

display: flex;

justify-content: center;

align-items: center;

background-image: -webkit-gradient(linear, left top, left bottom, from(#311847), to(#3EB9E6));

background-image: -webkit-linear-gradient(top, #311847, #3EB9E6);

background-image: -moz-linear-gradient(top, #311847, #3EB9E6);

background-image: linear-gradient(to bottom, #311847, #3EB9E6);

}

.weather-box{

height: 100%;

width: 100%;

display: flex;

flex-direction: column;

align-items: center;

justify-content: center;

position: relative;

font-family: 'Abel', sans-serif;

```
    animation-name: introduction;
    animation-duration: 2s;

}

.row1{
    width: 50%;
    display: flex;
    justify-content: space-around;
    align-items: center;
    border-bottom: 1px solid white;
    padding-bottom: 30px;
}

.weather-location{
    color: white;
    font-size: 50px;
}

.weather-icon {
    width: 100px;
}

}

.row2{
    display: flex;
    justify-content: center;
    align-items: center;
    margin-top: 50px;
}

}

.row2:hover .temp{
```

```
    color: #41A5CF;
}
.row2:hover .temp-type{
    color: white;
}
.temp{
    color: white;
    font-size: 80px;
    cursor: pointer;
    pointer-events: auto;
    transition: color 1s;
}
.temp-type{
    color: #3EB9E6;
    font-size: 80px;
    cursor: pointer;
    transition: color 1s;
}
.weather-description{
    text-align: center;
    color: white;
}
.weather-days{
    display: flex;
    justify-content: space-around;
    padding-top: 50px;
    color: white;
    font-size: 20px;
```

```
width: 50%;  
}  
.block1, .block2{  
  display:flex;  
  flex-direction: column;  
  justify-content: center;  
  align-items: center;  
  
}  
.made-by{  
  color: white;  
  position: fixed;  
  bottom: 0px;  
  right: 0px;  
  padding: 10px;  
  font-size: 18px;  
}  
@keyframes introduction {  
  0%{  
    bottom: -320px;  
    opacity: 0;  
  
  }  
  100%{  
  
    opacity:1;  
    bottom: 0px;  
  }  
}
```

```
@media screen and (max-width: 480px) {
```

```
  .row1{
```

```
    flex-direction: column;
```

```
  }
```

```
  .weather-location{
```

```
    font-size: 30px;
```

```
  }
```

```
  .made-by{
```

```
    display: none;
```

```
  }
```

```
  .block1{
```

```
    padding: 20px;
```

```
  }
```

```
  .block2{
```

```
    padding: 20px;
```

```
  }
```

```
  .weather-days{
```

```
    font-size: 16px;
```

```
  }
```

```
  .container{
```

```
    height: 130vh;
```

```
  }
```

```
}
```

```
III. $(document).ready(function () {
```

```
    var lat;
```

```
    var long;
```

```
    if (navigator.geolocation) {
```

```
        navigator.geolocation.getCurrentPosition(function (position) {
```

```
            lat = position.coords.latitude;
```

```
            long = position.coords.longitude;
```

```
            var api = 'https://fcc-weather-api.glitch.me/api/current?lat=' + lat + '&lon=' + long + '';
```

```
            $.getJSON(api, function (res) {
```

```
                var celsius = res.main.temp;
```

```
                var fahrenheit = (celsius * 1.8) + 32;
```

```
                var location = res.name;
```

```
                $(' .weather-location').html(location);
```

```
                $(' .temp').html(Math.floor(celsius));
```

```
$('.weather-description').html(res.weather[0].description);
$('.weatherType').attr('id', res.weather[0].main);
$('.row2').on('click', function () {
  if ($('.temp').html() == (Math.floor(celsius))) {
    $('.temp').html(Math.floor(fahrenheit));
    $('.temp-type').html('°F');

  } else {
    $('.temp').html(Math.floor(celsius));
    $('.temp-type').html('°C');
  }
});
```

```
//SETTING UP THE ICON
```

```
var icons = new Skycons({
  "color": "white"
});
```

```
icons.set("Clear-day", Skycons.CLEAR_DAY);
```

```
icons.set("Clear-night", Skycons.CLEAR_NIGHT);
```

```
icons.set("Partly-cloudy-day", Skycons.PARTLY_CLOUDY_DAY);
```

```
icons.set("Partly-cloudy-night", Skycons.PARTLY_CLOUDY_NIGHT);
```

```
icons.set("Clouds", Skycons.CLOUDY);
```

```
icons.set("Rain", Skycons.RAIN);
```

```
icons.set("Sleet", Skycons.SLEET);
```

```
icons.set("Snow", Skycons.SNOW);
```

```
icons.set("Wind", Skycons.WIND);
```

```
icons.set("Fog", Skycons.FOG);
```



```
icons.play();
```

```
});
```

```
});
```

```
}
```

```
});
```