

```
<> index.html > html > body > div > table > tbody > tr
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5    <meta charset="UTF-8">
6    <meta name="viewport" content="width=device-width, initial-scale=1.0">
7    <title>V3 task - 10.11.2021.</title>
8    <link href="css/style.css" type="text/css" rel="stylesheet" media="screen" />
9    <link href="css/queries.css" type="text/css" rel="stylesheet" media="screen" />
10 </head>
11
12 <body>
13   <div>
14     <table>
15       <thead>
16         <tr>
17           <th id="time"></th>
18           <th>Current value</th>
19           <th>Minimum</th>
20           <th>Maximum</th>
21           <th>Average</th>
22         </tr>
23       </thead>
24       <tbody>
25         <tr>
26           <td>Temperature</td>
27           <td id="bme280_currentTemperature"></td>
28           <td id="bme280_minimumTemperature"></td>
29           <td id="bme280_maximumTemperature"></td>
30           <td id="bme280_averageTemperature"></td>
31         </tr>
32         <tr>
```

```
33     <td>Humidity</td>
34     <td id="bme280_currentHumidity">tekst</td>
35     <td>tekst</td>
36     <td>tekst</td>
37     <td>tekst</td>
38 </tr>
39 <tr>
40     <td>Pressure</td>
41     <td id="bme280_currentPressure">tekst</td>
42     <td>tekst</td>
43     <td>tekst</td>
44     <td>tekst</td>
45 </tr>
46 <tr>
47     <td></td>
48     <td>tekst</td>
49     <td>tekst</td>
50     <td>tekst</td>
51     <td>tekst</td>
52 </tr>
53 <tr>
54     <td></td>
55     <td>tekst</td>
56     <td>tekst</td>
57     <td>tekst</td>
58     <td>tekst</td>
59 </tr>
60 </tbody>
61 </table>
62 </div>
63 <script src="js/util.js"></script>
64 </body>
65
66 </html>
```

js &gt; JS util.js &gt; ...

```
1  var allMeasuredTemperatures = [];  
2  function getRandomTemperature() {  
3      var min = -30;  
4      var max = 80;  
5      var randomInt = Math.floor(Math.random() * (max - min + 1)) + min;  
6      allMeasuredTemperatures.push(randomInt);  
7      console.log(allMeasuredTemperatures);  
8      document.getElementById("bme280_currentTemperature").innerText = randomInt.toFixed(2);  
9      document.getElementById("bme280_minimumTemperature").innerText = Math.min.apply(null, allMeasuredTemperatures).toFixed(2);  
10     document.getElementById("bme280_maximumTemperature").innerText = Math.max.apply(null, allMeasuredTemperatures).toFixed(2);  
11  
12     let calculateAverage = (array) => array.reduce((a, b) => a + b) / array.length;  
13  
14     document.getElementById("bme280_averageTemperature").innerText = calculateAverage(allMeasuredTemperatures).toFixed(2);  
15  
16     //return randomInt;  
17 };  
18  
19 function showTime() {  
20     var dateTime = new Date();  
21     var time = dateTime.toLocaleTimeString();  
22     document.getElementById("time").innerText = time;  
23     //console.log(time);  
24 }  
25 var displayTime = setInterval(showTime, 500);  
26 var interval = setInterval(getRandomTemperature, 1000);  
27 |
```

```
css > # style.css > ...
1  html {
2  |   font-size: 20px;
3  | }
4
5  table {
6  |   padding: 20px;
7  |   border-collapse: collapse;
8  | }
9
10 table td,
11 table th {
12 |   border: 2px solid black;
13 | }
14
15 tr {
16 |   margin: 4vh !important;
17 | }
18
19 tr:nth-child(2n + 1) {
20 |   background: rgba(0, 0, 255, 0.26);
21 |   color: gainsboro;
22 |   font-weight: 900;
23 | }
24 }
25
26 tr:nth-child(2n) {
27 |   background: rgba(0, 0, 128, 0.322);
28 |   color: gray;
29 |   font-weight: 900;
30 | }
```

```
css > # queries.css > {} @media only screen and (max-width: 640px)
1  /* Basic PCs */
2  @media only screen and (max-width: 1920px) {
3      th,
4      td:nth-child(1) {
5          background: #26a69a;
6          color: black;
7          font-size: 1.5rem !important;
8          font-weight: bold;
9          text-align: right;
10     }
11
12     td,
13     th {
14         padding: 2vh !important;
15         width: 20vw;
16         height: 5vh;
17         font-size: 1rem !important;
18         text-align: center;
19     }
20
21     td {
22         font-size: 2rem !important;
23     }
24
25     }
26
```

```
27  /* Small phones */
28  @media only screen and (max-width: 640px) {
29      th,
30      td:nth-child(1) {
31          background: #3326a6;
32          color: white;
33          font-size: 1rem !important;
34          font-weight: bold;
35      }
36
37
38     td {
39         font-size: 1rem !important;
40     }
41
42     }
```