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index.html

index.html > html > body > div

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>V3 task - 5.11.2020.</title>
  <link href="css/style.css" type="text/css" rel="stylesheet" media="screen" />
  <link href="css/queries.css" type="text/css" rel="stylesheet" media="screen" />
</head>

<body>
  <div>
    <table>
      <thead>
        <tr>
          <th id="time"></th>
          <th>Current value</th>
          <th>Minimum</th>
          <th>Maximum</th>
          <th>Average</th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td>Temperature</td>
          <td id="bme280_currentTemperature"></td>
          <td id="bme280_minimumTemperature"></td>
          <td id="bme280_maximumTemperature"></td>
          <td id="bme280_averageTemperature"></td>
        </tr>
        <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  </html>
```

util.js

js > util.js > getRandomTemperature > max

```
var allMeasuredTemperatures = [];
function getRandomTemperature() {
  var min = -30;
  var max = 80;
  var randomInt = Math.floor(Math.random() * (max - min + 1)) + min;
  allMeasuredTemperatures.push(randomInt);
  console.log(allMeasuredTemperatures);
  document.getElementById("bme280_currentTemperature").innerText = randomInt.toFixed(2);
  document.getElementById("bme280_minimumTemperature").innerText = Math.min.apply(null, allMeasuredTemperatures)
  .toFixed(2);
  document.getElementById("bme280_maximumTemperature").innerText = Math.max.apply(null, allMeasuredTemperatures)
  .toFixed(2);

  let calculateAverage = (array) => array.reduce((a, b) => a + b) / array.length;

  document.getElementById("bme280_averageTemperature").innerText = calculateAverage(allMeasuredTemperatures).
  toFixed(2);

  //return randomInt;
};

function showTime() {
  var dateTime = new Date();
  var time = dateTime.toLocaleTimeString();
  document.getElementById("time").innerText = time;
  //console.log(time);
}
var displayTime = setInterval(showTime, 500);
var interval = setInterval(getRandomTemperature, 1000);
```

style.css

css > # style.css > tr:nth-child(2n)

```css
html {
  font-size: 20px;
}

table {
  padding: 20px;
  border-collapse: collapse;
}

table td,
table th {
  border: 2px solid black;
}

tr {
  margin: 4vh !important;
}

tr:nth-child(2n + 1) {
  background: rgba(0, 0, 255, 0.26);
  color: gainsboro;
  font-weight: 900;

}

tr:nth-child(2n) {
  background: rgba(0, 0, 128, 0.322);
  color: gray;
  font-weight: 900;
}
```

queries.css

css > # queries.css > {} @media only screen and (max-width: 640px)

```css
/* Basic PCs */
@media only screen and (max-width: 1920px) {
  th,
  td:nth-child(1) {
    background: #26a69a;
    color: black;
    font-size: 1.5rem !important;
    font-weight: bold;
    text-align: right;
  }

td,
th {
  padding: 2vh !important;
  width: 20vw;
  height: 5vh;
  font-size: 1rem !important;
  text-align: center;
}

td {
  font-size: 2rem !important;
}

}

```

```
/* Small phones */
@media only screen and (max-width: 640px) {
  th,
  td:nth-child(1) {
    background: #3326a6;
    color: white;
    font-size: 1rem !important;
    font-weight: bold;
  }


td {
  font-size: 1rem !important;
}

}
```