

EMPTY TABLE

DYNAMICALLY FILL TABLE

Key (Time)	Pressure (Value)
2018-10-18 02:20:00	975.7
2018-10-22 14:40:00	983
2018-10-17 21:40:00	973.7
2018-10-22 18:40:00	979.8
2018-10-21 04:40:00	972.5
2018-10-21 14:00:00	972.7
2018-10-16 13:20:00	959.5
2018-10-20 13:40:00	975.5
2018-10-17 06:00:00	962.5
2018-10-19 14:40:00	971.5
2018-10-19 19:40:00	973.6
2018-10-22 08:20:00	984.7
2018-10-20 00:00:00	975.1
2018-10-22 10:00:00	985.1
2018-10-20 18:00:00	974.7
2018-10-17 00:20:00	960.3
2018-10-17 22:00:00	974
2018-10-17 03:20:00	961.5
2018-10-21 17:00:00	974.1
2018-10-18 15:20:00	977
2018-10-17 21:00:00	973.3
2018-10-20 21:00:00	975.7
2018-10-18 01:00:00	975.4
2018-10-18 22:20:00	976.3
2018-10-22 01:00:00	980.6
2018-10-19 01:40:00	975

Key (Time)	
Pressure (Value)	
2018-10-18 02:20:00	
975.7	
2018-10-22 14:40:00	
983	
2018-10-17 21:40:00	
973.7	
2018-10-22 18:40:00	
979.8	
2018-10-21 04:40:00	
972.5	
2018-10-21 14:00:00	
972.7	
2018-10-16 13:20:00	

<> index.html X

<> index.html >...

```
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>V4 task - 12.11.2020.</title>
8      <link href="css/materialize.min.css" type="text/css" rel="stylesheet" media="screen" />
9      <script src="js/materialize.js"></script>
10     <script src="js/jquery-3.3.1.min.js"></script>
11
12     <style>
13         html {
14             font-size: 14px;
15         }
16
17         td,
18         p,
19         input {
20             font: 1.1rem;
21         }
22
23         table,
24         th,
25         td {
26             border: solid 1px black;
27             border-collapse: collapse;
28             padding: 5vh;
29             text-align: center;
30         }
31     </style>
```

```

32   th {
33     font-size: 2rem;
34     font-weight: bold;
35   }
36
37   button {
38     background-color: #gray !important;
39     font-size: 2rem;
40     color: #white;
41     padding: 0 10vh;
42     margin: 0 2vh;
43   }
44
45   .flex-box {
46     display: flex;
47     justify-content: flex-end;
48     outline: 2px #green dashed;
49   }
50 </style>
51 </head>
52
53 <body>
54   <div class="flex-box">
55     <!-- <button id="clearTable">Empty table</button>
56     <button id="fillTable">Dynamically fill table</button> -->
57     <button id="clearTable" class="btn waves-effect waves-light" type="submit" name="action">Empty table
58   </button>
59     <button id="fillTable" class="btn waves-effect waves-light" type="submit" name="action">Dynamically fill table
60   </button>
61   </div>
62
63   <div id="dynamicTable"></div>

```

```
64 <!-- <table id="dynamicTable">
65   <thead>
66     <tr>
67       <th>Time</th>
68       <th>Value</th>
69     </tr>
70   </thead>
71   <tbody>
72     <tr>
73       <td></td>
74       <td></td>
75     </tr>
76   </tbody>
77 </table> -->
78 <script>
79
80   $(document).ready(function () {
81
82     $(document).on('click', '#fillTable', function () {
83       let url = 'json/data.json';
84       var globalData;
85
86       fetch(url)
87         .then(function (response) {
88           return response.json();
89         })
90         .then(function (data) {
91           globalData = data.Pressure;
92
93           var col = ['Key (Time)', 'Pressure (Value)'];
94           console.log(globalData);
95
```

```
96 // CREATE DYNAMIC TABLE.
97 var table = document.createElement("table");
98
99 // CREATE HTML TABLE HEADER ROW USING THE EXTRACTED HEADERS ABOVE.
100
101 var tr = table.insertRow(-1); // TABLE ROW.
102
103 for (var i = 0; i < col.length; i++) {
104     var th = document.createElement("th"); // TABLE HEADER.
105     th.innerHTML = col[i];
106     tr.appendChild(th);
107 }
108
109 // ADD JSON DATA TO THE TABLE AS ROWS.
110
111 for (const [key, value] of Object.entries(globalData)) {
112     //console.log(`${key}: ${value}`);
113
114     tr = table.insertRow(-1);
115
116     var tabCell = tr.insertCell(0);
117     tabCell.innerHTML = key;
118     var tabCell2 = tr.insertCell(1);
119     tabCell2.innerHTML = value;
120
121 }
122
123 // FINALLY ADD THE NEWLY CREATED TABLE WITH JSON DATA TO A CONTAINER.
124 var divContainer = document.getElementById("dynamicTable");
125 divContainer.innerHTML = "";
126 divContainer.appendChild(table);
127
128 //console.log(data.Pressure);
```

```
129
130
131     $("#dynamicTable tbody tr").addClass('row');
132     $("#dynamicTable tbody tr th").addClass('col s12 m12 l6 #00838f cyan darken-3');
133     $("#dynamicTable tbody tr td").addClass('col s12 m12 l6 #dcedc8 light-green lighten-4');
134     });
135 });
136
137 $(document).on('click', '#clearTable', function () {
138     $("#dynamicTable").empty();
139 });
140
141 });
142 </script>
143 </body>
144
145 </html>
```