

Nama : Raja Josua Simanungkalit

NIM : 120140134

Kelas : RA

Link Github :

Screenshot HTML

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta http-equiv="X-UA-Compatible" content="IE=edge">
7   <link rel="stylesheet" href="style.css">
8   <meta name="viewport" content="width=device-width, initial-scale=1.0">
9   <title>Tugas 1 PAM_120140134_Raja Josua Simanungkalit_RA</title>
10 </head>
11
12 <body>
13
14   <div class="tabel">
15     <table class="tabel1">
16       <thead>
17         <tr>
18           <th>No</th>
19           <th>Nama</th>
20           <th>NIM</th>
21           <th>Nilai</th>
22           <th>Huruf Mutu</th>
23         </tr>
24       </thead>
25       <tbody>
26       </tbody>
27     </table>
28
29     <!--jquery to make data fakerjs to create dummy data-->
30     <script src="https://code.jquery.com/jquery-3.6.1.slim.min.js"
31       integrity="sha256-w8CvhFs7iHNVUtnSP0YKEg00p9Ih13rLL9zGqvLdePA=" crossorigin="anonymous"></script>
32     <script type="module">
33       import { faker } from 'https://cdn.skypack.dev/@faker-js/faker/locale/id_ID';
34
35       $(document).ready(function () {
36         let data = [{
37           "Nama": "Raja Josua Simanungkalit",
38           "NIM": 134,
39           "Nilai": 80
```

```

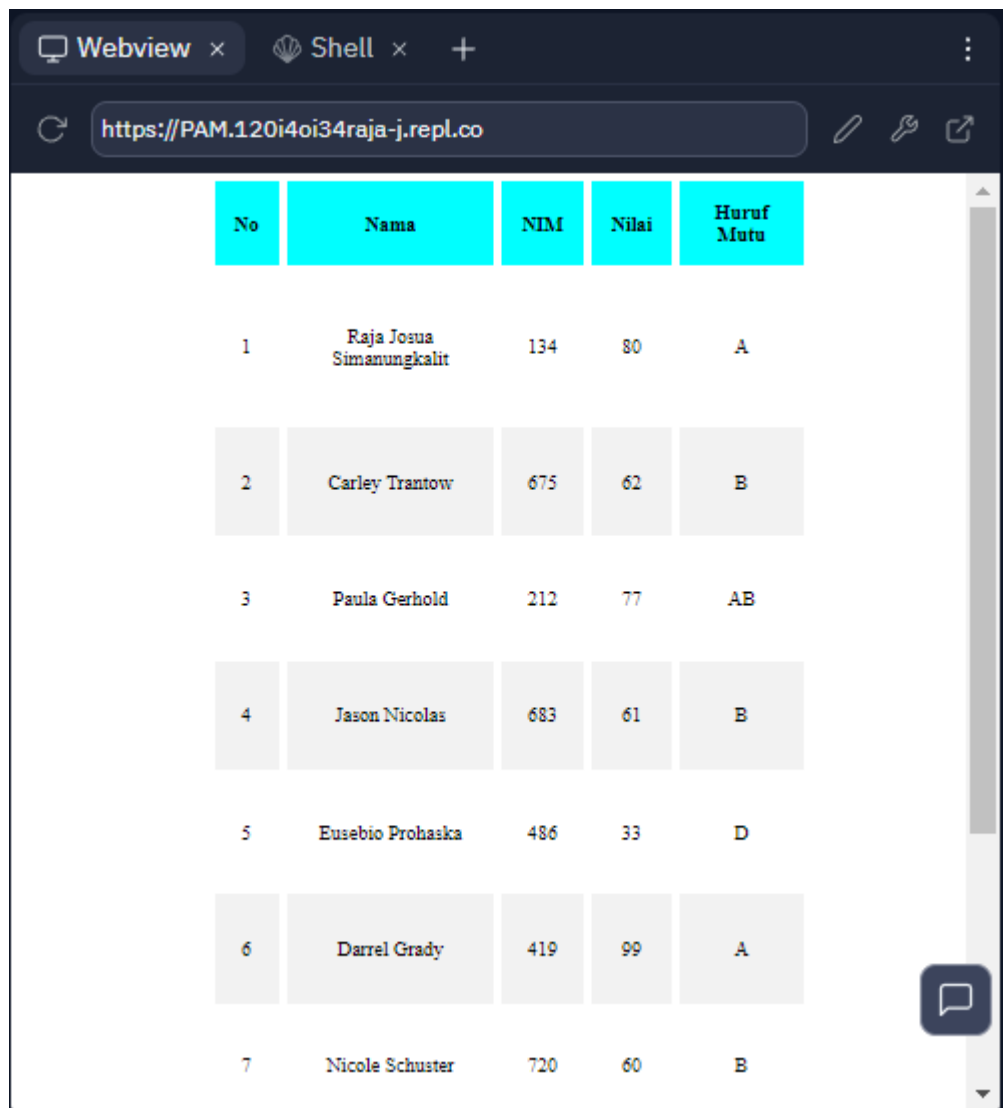
40     });
41
42     let dataMax = 10;
43     for (let i = 1; i < dataMax; i++) {
44         data.push({
45             "Nama": faker.name.firstName() + " " + faker.name.lastName(),
46             "NIM": faker.random.numeric(3),
47             "Nilai": faker.random.numeric(2)
48         });
49     }
50
51     let tr;
52     let mutu;
53
54     for (let i = 0; i < dataMax; i++) {
55         tr = $('<tr/>');
56         tr.append('<td>' + (i + 1) + '</td>');
57         tr.append('<td>' + data[i].Nama + '</td>');
58         tr.append('<td>' + data[i].NIM + '</td>');
59         tr.append('<td>' + data[i].Nilai + '</td>');
60
61         switch (true) {
62             case (data[i].Nilai >= 80):
63                 mutu = "A";
64                 break;
65             case (data[i].Nilai >= 70):
66                 mutu = "AB";
67                 break;
68             case (data[i].Nilai >= 60):
69                 mutu = "B";
70                 break;
71             case (data[i].Nilai >= 50):
72                 mutu = "BC";
73                 break;
74             case (data[i].Nilai >= 40):
75                 mutu = "C";
76                 break;
77             case (data[i].Nilai >= 30):
78                 mutu = "D";
79                 break;
80             default:
81                 mutu = "E";
82                 break;
83         }
84         tr.append('<td>' + mutu + '</td>');
85         $('table').first().append(tr);
86     }
87     });
88     </script>
89 </div>
90 </body>
91
92 </html>

```

Screenshot CSS

```
style.css x +
4  font-size: 10px;
5  color: black;
6  border: 1px solid white;
7  margin-left: auto;
8  margin-right: auto;
9  table-layout: auto;
10 border-collapse: collapse;
11 }
12
13 ▼ .tabel1 {
14   background-color: white;
15   width: 300px;
16   height: 650px;
17   margin-left: auto;
18   margin-right: auto;
19   overflow: auto;
20 }
21
22 ▼ tr:nth-child(even) {
23   background-color: #f2f2f2;
24 }
25
26 ▼ th {
27   border: 1px solid white;
28   text-align: center;
29   padding: 10px;
30   background-color: aqua;
31 }
32
33 ▼ td {
34   border: 1px solid white;
35   text-align: center;
36   padding: 10px;
37 }
```

Hasil Program



The image shows a web browser window with two tabs: 'Webview' and 'Shell'. The address bar displays the URL 'https://PAM.120i4oi34raja-j.repl.co'. The main content area contains a table with five columns: 'No', 'Nama', 'NIM', 'Nilai', and 'Huruf Mutu'. The table lists seven students. The first row is highlighted in red, and the second row is highlighted in light blue. A vertical scrollbar is visible on the right side of the table, and a chat bubble icon is located at the bottom right corner of the browser window.

No	Nama	NIM	Nilai	Huruf Mutu
1	Raja Josua Simanungkalit	134	80	A
2	Carley Trantow	675	62	B
3	Paula Gerhold	212	77	AB
4	Jason Nicolas	683	61	B
5	Eusebio Prohaska	486	33	D
6	Darrel Grady	419	99	A
7	Nicole Schuster	720	60	B