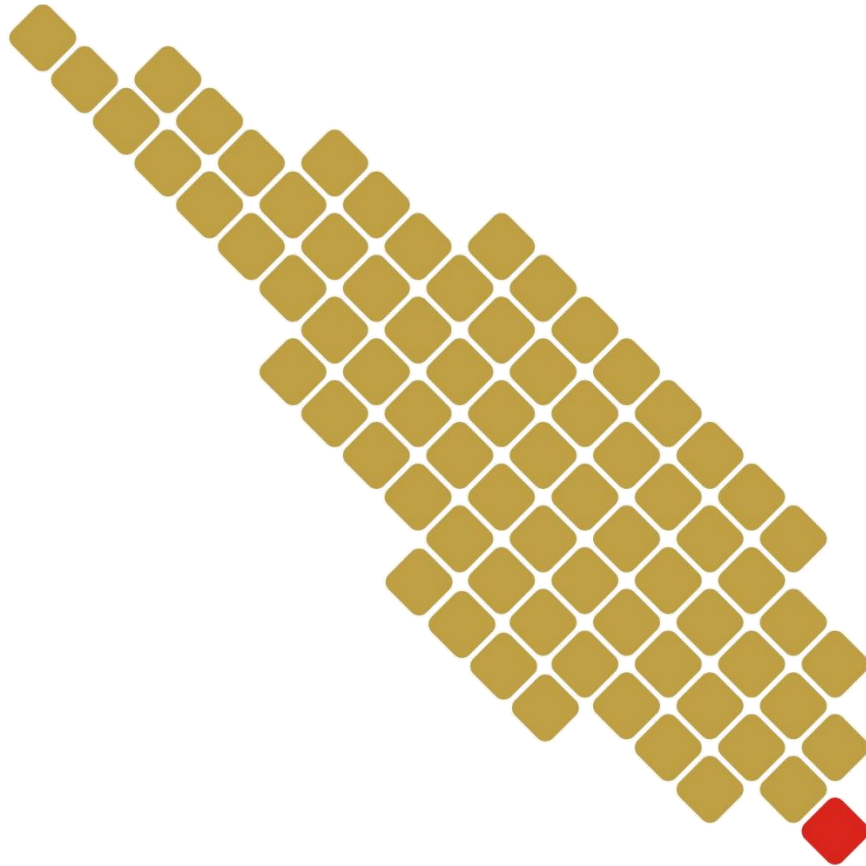


TUGAS 1 INDIVIDU
HTML DAN JAVASCRIPT



ITERA

DISUSUN OLEH
MICHAEL PASCALIS SIMANJUNTAK (120140137)
PENGEMBANGAN APLIKASI MOBILE RA

INSTITUT TEKNOLOGI SUMATERA
LAMPUNG

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LINK GITHUB : <https://github.com/klstak/Tugas1-PAM>

HTML CODE :

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

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <link rel="stylesheet" href="style.css">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>RA_120140137_Michael Pascalis Simanjuntak</title>
</head>

<body>

  <div class="t1">
    <table class="t2">
      <thead>
        <tr>
          <th>No</th>
          <th>Nama</th>
          <th>NIM</th>
          <th>Nilai</th>
          <th>Huruf Mutu</th>
        </tr>
      </thead>
      <tbody>
      </tbody>
    </table>

    <!--jquery untuk membuat user dari fakerjs untuk membuat data dummy-->
    <script src="https://code.jquery.com/jquery-3.6.1.slim.min.js"
      integrity="sha256-w8CvhFs7iHNVUtnSP0YKEg00p9Ih13r1L9zGqvLdePA="
crossorigin="anonymous"></script>
    <script type="module">
      import { faker } from 'https://cdn.skypack.dev/@faker-
js/faker/locale/id_ID';

      $(document).ready(function () {
        let user = [{
          "Nama": "Michael Pascalis Simanjuntak",
          "NIM": 137,
          "Nilai": 80
        }];
```

```

let userMax = 15;
for (let i = 1; i < userMax; i++) {
  user.push({
    "Nama": faker.name.lastName() + " " + faker.name.firstName(),
    "NIM": faker.random.numeric(3),
    "Nilai": faker.random.numeric(2)
  });
}

let tr;
let mutu;

for (let i = 0; i < userMax; i++) {
  tr = $('<tr/>');
  tr.append('<td>' + (i + 1) + "</td>");
  tr.append('<td>' + user[i].Nama + "</td>");
  tr.append('<td>' + user[i].NIM + "</td>");
  tr.append('<td>' + user[i].Nilai + "</td>");

  switch (true) {
    case (user[i].Nilai >= 80):
      mutu = "A";
      break;
    case (user[i].Nilai >= 70):
      mutu = "AB";
      break;
    case (user[i].Nilai >= 60):
      mutu = "B";
      break;
    case (user[i].Nilai >= 50):
      mutu = "BC";
      break;
    case (user[i].Nilai >= 40):
      mutu = "C";
      break;
    case (user[i].Nilai >= 10):
      mutu = "D";
      break;
    default:
      mutu = "E";
      break;
  }
  tr.append('<td>' + mutu + "</td>");
  $('<table>').first().append(tr);
}
});
</script>
</div>

```

```
</body>

</html>
```

CSS CODE :

```
.t2{
  width: 280px;
  height: 653px;
  border: 1px solid white;
  border-collapse: collapse;
  font-size: 13px;
  color: black;
}

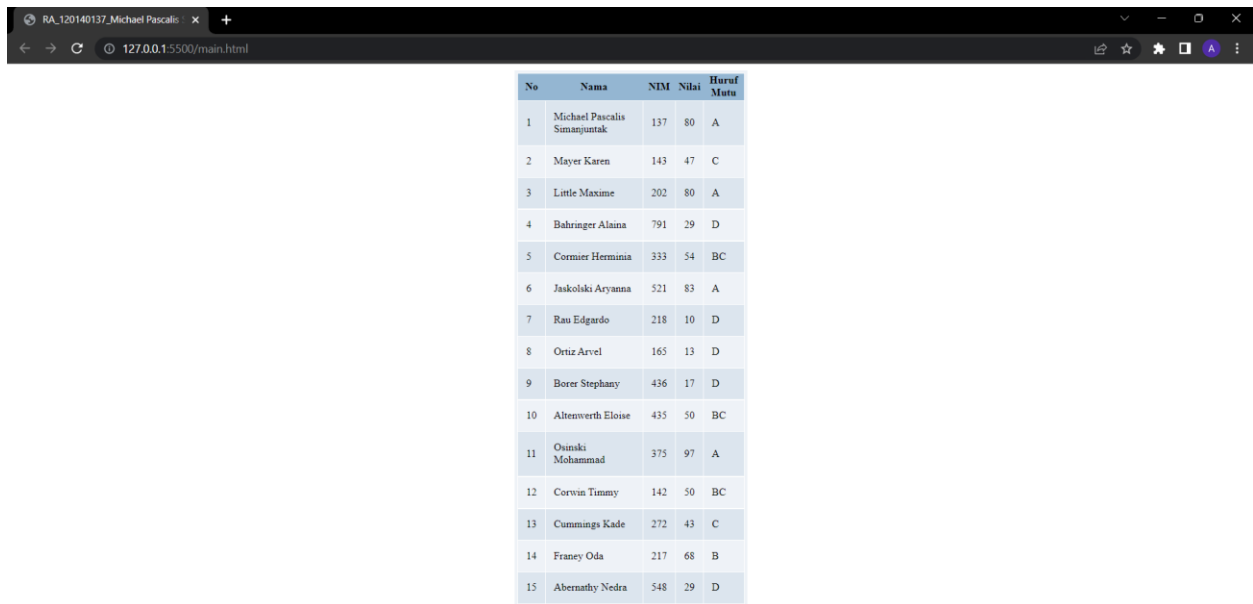
.t1 {
  width: 280px;
  height: 653px;
  margin-left: auto;
  margin-right: auto;
  padding: 3px;
  background-color: #EEF2F7;
}

tr:nth-child(odd){
  background-color: #DCE5EE;
}

th {
  background-color: #94B6D2;
}

td {
  border: 1px solid white;
  padding: 10px;
}
```

PREVIEW :



The image is a screenshot of a web browser window. The address bar shows the URL "127.0.0.1:5500/main.html". The browser's tab bar shows a single tab titled "RA_120140137_Michael Pascalis". The main content area displays a table with 5 columns: "No", "Nama", "NIM", "Nilai", and "Huruf Mutu". The table contains 15 rows of student data. The table is styled with a light blue header and alternating light blue and white rows for the data.

No	Nama	NIM	Nilai	Huruf Mutu
1	Michael Pascalis Sunanjuntak	137	80	A
2	Mayer Karen	143	47	C
3	Little Maxime	202	80	A
4	Bahringer Alaina	791	29	D
5	Cormier Hermia	333	54	BC
6	Jaskolski Aryana	521	83	A
7	Rau Edgardo	218	10	D
8	Ortiz Arvel	165	13	D
9	Borer Stephany	436	17	D
10	Altenwerth Eloise	435	50	BC
11	Osinski Mohammad	375	97	A
12	Corwin Timmy	142	50	BC
13	Cummings Kade	272	43	C
14	Franey Oda	217	68	B
15	Abernathy Nedra	548	29	D