Nama   : Andre Riantasa Wijaya

Nim   : 120140166

Kelas : RB

Tugas Individu 1

Link Github : https://github.com/PoohNoCounter/PAM-Tugas-Individu-1

Code

Index.html

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link rel="stylesheet" href="style.css" />
    <title>Andre Riantasa Wijaya</title>
  </head>
  <body>
    <table id="table">

      <thead>
        <tr>
          <th>No</th>
          <th>Nama</th>
          <th>NIM</th>
          <th>Nilai</th>
          <th>Grade</th>
        </tr>
      </thead>

      <tbody>
        <tr>
          <td>1</td>
          <td>Reyhan</td>
          <td>221</td>
          <td>75</td>
          <td></td>
        </tr>

        <tr>
          <td>2</td>
          <td>Hahum</td>
          <td>222</td>
          <td>60</td>
          <td></td>
        </tr>
```

```html
        <tr>
          <td>3</td>
          <td>Ibor</td>
          <td>223</td>
          <td>90</td>
          <td></td>
        </tr>

        <tr>
          <td>4</td>
          <td>Hendi</td>
          <td>224</td>
          <td>80</td>
          <td></td>
        </tr>

        <tr>
          <td>5</td>
          <td>Zees</td>
          <td>225</td>
          <td>40</td>
          <td></td>
        </tr>
      </tbody>

    </table>
  </body>
  <script src="script.js"></script>
</html>
```

Style.css

```css
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}
body    {
    font-family: 'Calibri';
    min-width: 280px;
    width: 100%;
    min-height: 653px;
}

table {
    border-collapse: collapse;
    border-radius: 1em;
    text-align: center;
    margin: auto;
    margin-top: 20vh;
    width: 50%;
    }

th, td {
    padding: 1em;
    background: rgb(70, 130, 180);
    border-bottom: 4px solid white;
}

th {
    color: black;
}

tbody, td {
    background: rgb(135, 206, 250);
}
```

Script.js

```javascript
const grade = (nilai) => {
    if (nilai >= 80) {
        return "A"
    } else if (nilai < 80 && nilai >= 70){
        return "AB"
    } else if (nilai < 70 && nilai >= 60){
        return "B"
    } else if (nilai < 60 && nilai >= 50){
        return "BC"
    } else if (nilai < 50 && nilai >= 40){
        return "C"
    } else if (nilai < 40 && nilai >= 10){
        return "D"
    } else{
        return "E"
    }
}


let table = document.getElementById("table")
let data = table.rows

for (let i = 1; i < data.length; i++) {
    const element = data[i].cells;

    element[4].innerHTML = grade(element[3].innerHTML)
}
```

Hasil

No	Nama	NIM	Nilai	Grade
1	Reyhan	221	75	AB
2	Hahum	222	60	B
3	Ibor	223	90	A
4	Hendi	224	80	A
5	Zees	225	40	C

Dimensions: Responsive ▼ 280 × 633 90% ▼ No throttling ▼

No	Nama	NIM	Nilai	Grade
1	Reyhan	221	75	AB
2	Hahum	222	60	B
3	Ibor	223	90	A
4	Hendi	224	80	A
5	Zees	225	40	C