Struktur Folder Tugas / Praktikum Mandiri

```
∨ Tugas Praktikum Mandiri
  ∨ Tugas_1
    <> index.html
  ∨ Tugas_2
    <> index.html
  ∨ Tugas_3
    <> index.html
  ∨ Tugas_4
    <> index.html
```

1 Buat form input nama, kelas, jurusan dengan v-model lalu tampilkan hasilnya secara realtime.	
pseudocode	output

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport"
content="width=device-width,
initial-scale=1.0" />
  <title>Formulir Siswa -
Vue.js</title>
  <!-- ✅ CDN Vue.js -->
  <script
src="https://cdn.jsdelivr.net/npm/vue
@2/dist/vue.js"></script>
  <style>
    body {
      font-family: Arial, sans-serif;
      max-width: 600px;
      margin: 50px auto;
      padding: 20px;
      background-color: #f9f9f9;
    }
    .form-group {
      margin-bottom: 15px;
    }
    label {
      display: block;
      margin-bottom: 5px;
      font-weight: bold;
      color: #333;
    }
```

Output:

📋 **Formulir Siswa**

Nama Lengkap:

Masukkan nama Anda

Kelas:

Contoh: X, XI, XII

Jurusan:

Contoh: RPL, TKJ, MM

👀 Isi form di atas untuk melihat preview realtime...

(*Tampilan Utama*)

📋 **Formulir Siswa**

Nama Lengkap:

Abiyya Hamdan Nnurwandha

Kelas:

XI

Jurusan:

RPL

👤 **Preview Data Anda:**

Nama: Abiyya Hamdan Nnurwandha
Kelas: XI
Jurusan: RPL

(*Tampilan ketika sudah mengisi data*)

```css
    input {
      width: 100%;
      padding: 10px;
      border: 1px solid #ccc;
      border-radius: 6px;
      box-sizing: border-box;
    }
    .preview {
      margin-top: 30px;
      padding: 20px;
      background: white;
      border: 1px solid #ddd;
      border-radius: 10px;
      box-shadow: 0 2px 8px
rgba(0,0,0,0.1);
    }
    .preview h3 {
      margin-top: 0;
      color: #4a5568;
      font-size: 1.1em;
      display: flex;
      align-items: center;
      gap: 8px;
    }
    .preview p {
      margin: 8px 0;
      color: #2d3748;
    }
    .info {
      margin-top: 20px;
      text-align: center;
      color: #718096;
      font-size: 0.9em;
    }
  </style>
</head>
<body>
  <div id="app">
    <h1><img
src="data:image/png;base64,iVBORw0KGg
```
```
oAAAANSUhEUgAAAMwAAADACAMAAAB/Pny7AAA
A8FBMVEX///8AAAD///3///v7+/v//f/8///3
///r6+uJiYltbW2hoaGvr69qamrj4+Pw///a9
vh5eXnm9/mTxMrZ+f96u9AAAiqfO6/GXy9jT6u
4AcZWr099QmrN1t8cAgJ6GwtRJk6QAeqAohZ0
AiKw6j6cAd5IAdZW8vLz/+P8AbYei4O7G7vdN
nrPA3uRdp74AAAhzfHl3z+cAh7Oqt6/3/vPU1
NRNTU1bW1ux4Ogwgo0hipoKaXsAdYQ8ja6PvM
qBw8vS//8AYmtpvL1PiqOozNCY1d1imqhlpq0
Acp8AXHBFhJV5q71AqblOmKBktL/B0taZF8uh
AAAKpElEQVR4nO2cDXvaoBLHdbI1dXe7Z5Y0h
JfghBcTaKC9y+buCKGh2OKStpfe9/82NzMyiS
```

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s2oG9Sgdl/EMGDFazNjX/SkEwo+vrw8NDfFpq
eDi8vrmbS6OfQZhRwTBqHEE/d9ZCzz3s/Fwhn
NuqVKbfpeFoxiUTFQjDVWMQdtAvAxY7z+z2Fs
inMynWw3SKLJnaXlVrUd1AeyNpjGfiakaOZmF
tRm0aDorP5qvWDGCqvbMCYeL+H4fCwuZauAJO
hLEK9/laGN20ioKh3pw8XBvpMwHGEyumeUgwl
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```
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Tkyf+F8A/Ua9PftkhmG3JwWwJ5SXBvNz/1rgl
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OTk5OTk5OTk5OTk5OTk5OTk5OTk5OTk5OTk5O
Tk5OTk9Kz1f1nV1ui5DPGjAAAAAElFTkSuQmC
C" alt="Form" width="70"> Formulir
Siswa</h1>

    <div class="form-group">
      <label for="nama">Nama
Lengkap:</label>
      <input type="text" id="nama"
```

```html
v-model="nama" placeholder="Masukkan
nama Anda" />
    </div>

    <div class="form-group">
      <label
for="kelas">Kelas:</label>
      <input type="text" id="kelas"
v-model="kelas" placeholder="Contoh:
X, XI, XII" />
    </div>

    <div class="form-group">
      <label
for="jurusan">Jurusan:</label>
      <input type="text" id="jurusan"
v-model="jurusan"
placeholder="Contoh: RPL, TKJ, MM" />
    </div>

    <div class="preview" v-if="nama
|| kelas || jurusan">
      <h3><img
```
```
src="data:image/png;base64,iVBORw0KGg
oAAAANSUhEUgAAAOEAAADhCAMAAAAJbSJIAAA
AkFBMVEX///8lJSQjIiH8+/wAAAAhIB8YGBce
Hh0cHBsbGxolJSP6+vrc3NwWFhUZGRjz8/Pk5
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6RkZHW1tbNzc07OzpTU1K4uLjDw8ODg4NiYmF
wcHCqqak0NDOamppcXFuX15a9vb1tbWx7e3vJ
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KPvruPU9PA31naeLv/W1oNFqlhfheyWb6Zk/H
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```

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21O+08ibzjYKEQmDKGY1uFYaOHOzU9bLL0oqv
Lt0OmR2uFPuSnGCpaGhIksi+IDalV3CuQ0z0S
lv3MNYWn8b4DwytvoVIYGohlymwLJVvTG4LTW
cp7viYK+dq1t5C1pY3HpwwLpRRfHEDiL05K5T
Y9OQai6V2tyyFatBiWkhVTEbXlagvcBPZlQ5l
SMeqS/vZitcwLkX4mhzWdyMY015G3bLeXGGpz
4NHjzq0WmlWVYay0YaWOvEkpalQClbi0yZ5o6
qVaoLcTVovqjZQY8pe/UN24ybKnha6WW5xEBk
zXZVQMGwHAM1YVVih/8EW5xcFQTZ6vMmDp/FB
UMTyXpl7qFRdIZ1Gh7s3UMLDUHWmdUNLNZmo5
/qJdiZJvFrqANVXILx0PTOpllDSXw163KlHSd
ZpRu5rodFixVm2M4lmhWnWdgQZeztZWq7U5/M

Qb1uDYoezCmyqk3w1kNrDDyjGZ/X7f5+0Y0vX
SHl8+jKq+YtjGYTN9kHbdLClRySgaABLSiLYD
6Zq3WJnxaC3ypC47vM1wLlueZzlTUHZo96M9W
wvRgindFsVNk3UmvubYYee9TYcsmyNAtl9i32
Hxv/bZNUPeKQqA9DY2sUI6oz1HHV4tbzN05dJ
9i6lPlwYOj3alifVD+T1eC9EfTDo4FQrQDQAv
CZ0kdgUNMFu69bs0UkVxtzXg0Rlesvx+p3fLN
1lnD08ZBAbfx1d0OYcCkTkY8mZvJL+O7/A6hp
nT/KlDeVAfcLO2H6N/cQSo5D6sS+M02cVGAsu
pci+GyJ/gjO7e7hBq1NaD2zW/GN+XARBuREan
foyBRooKfrd+mkvXFz1sY9Blcwgci99zFvdCW
3stIuV+3K1fc9fqiVLaOBPwri9j3zGq0chWdd
F5fbeCaoo40q26HWpHI+emr03lgAWxbByt+qq
FjAsA3rKaxt3gXexyWyudVHOBrtHtskLglgoM
a9/E3MV2orK18hsGKKWxzd2FctZe5ORdVzq8d
au/FAyUGr0zvotBJz6/U8BIwNfKHjDs/PWal7
V7hNUOkOBLjjy96LLHp83wni9/kiEIgz6JuXj
3j+L5EVwREfWIi05iNACY1U3uMmRbiJxcqQ3q
AnqAhNgZAqDiLsumW8HtlgUPdDtK+IkQDxj23
PiMbF19TY6Wu8V+C+usuPFpzvuiEN21sVO0db
rlzfJMOMS7Xb+ROFZutMxnnmpvOCiH/cueGeV
T+PwvEbhRg6zSgalbEWQXJHDc9RZRS3WC4suL
pPfmEJi0Ji/2PUXKW4F50RTYrprTB2iab9oXc
Dluds/bWIfFsP3B3XYqf74Z2ct52btmp8pntj
c9/tSaSib6MDKSeN4uWg6zw+z+kSzQGq/a795
fxIkhOZNwTCoQc36SolJAw8GtqU0S/b5E5K8D
BNPd1SUGo1Nu4H/vZQDIKHdXa2LzTaojCZLf9
pB2OGOw4Im+SZcgHzXsQ1MP42NbUvysCm0Z4Q
ZmuT61Fxwmi3g8NR+8Uu4MedHM7nKEi9gxZZ/
pmT7/WDABNkbj+NgWTue4SrDcyU/Us+BZtb96
vp5JFP3rVAZMV6g3Yptkp+P3xLkfBj1ea3UvB
bdhuC6ubmr03dUYeIorpB4MV4urs+rczSHx7s
2kbtLEjrsKGHY6PHkuDqc5OPfDb9u4+D2G2ux
rnW5IIHq8uVInxz2ld9ZqWMOWyGNxxyNpxaEK
tBngdnCKDtf3o9RDwljJq10BRjgsrm3Gfnwr2
gCJS4tk/EgFu+OBX3txkBldKr3l9a2rywpGp/
V9sZIm6ZX0NpYGwa2OYZa48qqnXgeo3Rg64hA
flN3uyvDyyze7xUHH6ge23EBtd/SqRfJG0AcG
RAt9fqKZctB9gYiIbHoa3TD8Nj98yYhcOlrUc
aXCJr6HJD2r9iAiMvrRDjIw2aEYYgpVt3FfMB
STaJxulRX5Akx/vy6jF9ITJKPywI6O+rFPDIb
kjfsJP7IyWnZm2BwdQfcH9f1vh/DwE6gqqdMA
O5FkkcqPFNmmaVMsdsfKrvzeQr/kr4n11syv3
T5voFDavacGRBk6h2tbgyqfHcLJTf1T1l0Jaw
WM+U9jwzug3s7Q/7qaQ6DT84TFNQbo8AzB+vW
J72Fn0uXtyEZI6fsYmjekVNepUWgU6NlzvY/i
iF1c0IpNOxPiCewz/aRSDK9XvzBdmQ5Crj/PH
7S7EnJKKza9U+vHBMP3nc6OfjIkXUE1RXFRg3
1++pYEUayrE3IS2RxvzOFvMoTJvH3cHrC7Hkb
XAi9n6ETtrjeYoLczjCjD1q5ifUYPM3an3I5G
z5kZBp8bG40eGdaOL3ip7DcZ0gNb+sMvcUrXa
y4OmvMDwjV7fL39gjPs0I6iyLA5KgXM6CHC9T

vlZqb7qZdX2CEhp6t+mw6SPALwWYaXdQ84ptG
joQkX9hqCPV8caKtZRdxyDXxx7O0ML90gdl6b
gmWdxtHhWK+73Cqgiq3V/O3HLVtqsbTs7Qybz
vYB6UWYz6CQ0RfYUYEMiHOcrwJTnSbA77Y086
aSCdNRLyB97lSgFA8VegByQPjPAdSKELyVIYl
plkkTdxv7Xm1G6S/rmhm+9GZSepvVzxEMTK14
Z9SGAqe6bGuoLZvfdEmD8sU36I5mt5NAYK3y9
93bpW++LgJipf5kLcphL1VChsW9K/IUC6NqaB
W2dH3RPzRVhndcaZWp7/R5KVA1yht9iNbvuJZ
s81uXkN1GtDk0AzC71bgfomvDwqvQLPN4svsq
VDHsekfQiwHDt11E7n9rwtPfVGR7QBC+8ab16
7u6QLqeeb/OESbL9xEkB1NeufeNu9Lx+6+xbA
OgN1/PPWxvvSJ9SP4mRb8orHD23JUkEgi+Wnf
p6HZBmhG2+m8JKyyX7yZI6rPtWfTIZST9xXrw
0mu5Ne32jjlbe6ORaVFctXaK6FFF9nT0gjh81
FugQs/Uyxt//dbLjttwVu0JIz/bJxwLuQubHm
JgYWu1zH7+Q/Sue4BvIGuH4TbesNts+8sDlO2
/uAuA4Ndp0vu55Kx7bwi272OetDpldJjTS0z6
PX+xKu0nrI5u22V1pO9r9G2rDrSL569YU0Gwb
veem1o8ZBx7o2yt4U4ZFbCxnp/qkJp+Uf+6Cy
s6L3+VXw2naEuq7oUnxrEeW3A6hJ4iSeDZSV4
Eff4dzryatv5V99Zvu238H1i27zoaQHOcOXx8
PSfIqtLAMu1pNTmIDKOsMtJ1xJ93q1k7ArbR5
nclVMBZae3FWWiUZAdMn4+y52artDQj0wI3Sz
yk1w/aKLKTr1Xm9i8P1hGE0d65qJNbZP8Ky/G
VWQEorBb+Zaz9SbDcVNuw1KBneqbpWZDAsm2E
auLTcpyvimPgt+g5wS6FV4va9nTz0qKaIvz46
kK/AUDReDNvRkznsuY5X2anzapaH/Iah3UVbz
an/dFlpwi2PhqccngdycPo8CthzD/gHr5dXAX
RNN3MJ62hi7YicvVNjUuXUf+CXt+fn7ald10M
0q3z8m80sA1nH35LoHQr0tNVNupfk7gH8iWTf
bydfm/KAZG9+wsTegOn9Hszol7bxyhZcyW7w5
M82veDY1GF+Gfvsx6V8Stv3n4Ok835RtwNPFM
Pt9Uumwf+d1nrO/7EXZx2tR3SvBvP6mZZ/VKY
LYlJMb7R0T2oHQKKcKQnX1VcnLIap9Nps4mrd
XqeWRhHJgQ39pJAPIv/W/wI/H0+vdeVrwPLRi
Z1GKZpIoQ8G970khQWHBf/Ef37BmdRQfzvyvh
AG/x7948OMd7u/zv69wN+ls/Udr5c04tAWvxd
ACMH3y3SmdkhFdYtczqOF2+qZr8Y7mk9w5F1y
4bcQm2PrAhPD5v533t3afT95S4PNeTdvOX4Wj
KRqYX5bvkf1r17cIJFsQ5tA2NUh9ykJ4dzIp3
ZdfiNEMYGnqWr0+3b5f9f4Lj7Iq7yNCynGrRr
X1HboTIZb/P1Ki72i/+mV1BHHcCMAtedLwjmb
jAaTn5EOR988MEHH3zwwQcffPDBBx988MEH/8
L/AGR75I+Ykvt6AAAAAElFTkSuQmCC"
alt="Preview" width="50"> Preview
Data Anda:</h3>
    <p>Nama: {{
nama || 'Belum diisi' }}</p>
    <p>Kelas: {{
kelas || 'Belum diisi' }}</p>
    <p>Jurusan: {{

```
jurusan || 'Belum diisi' }}</p>
    </div>

    <div class="info" v-if="!nama &&
!kelas && !jurusan">
        👀 Isi form di atas untuk
melihat preview realtime...
    </div>
  </div>

  <!-- ✅ SCRIPT YANG BENAR -->
  <script>
    new Vue({
      el: '#app',
      data: {
        nama: '',
        kelas: '',
        jurusan: ''
      }
    });
  </script>
</body>
</html>
```
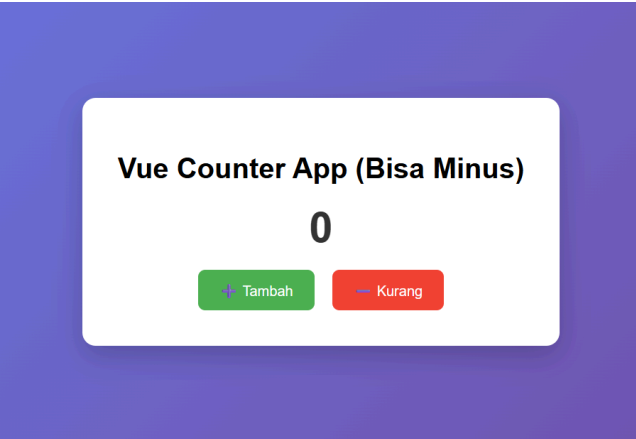
2
Buat tombol Tambah dan Kurang dengan @click untuk mengatur nilai counter.

pseudocode	output
| ```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport"
content="width=device-width,
initial-scale=1.0"/>
  <title>Counter Vue.js (Bisa
Minus)</title>
  <!-- DIPERBAIKI: Hapus spasi ekstra
di akhir URL -->
  <script
src="https://unpkg.com/vue@3/dist/vue
.global.js"></script>
  <style>
    body {
      font-family: 'Arial',
sans-serif;
      display: flex;
      justify-content: center;
      align-items: center;
``` | **Vue Counter App (Bisa Minus)**<br><br>**0**<br><br>➕ Tambah    ➖ Kurang<br><br>(*Tampilan Utama*) |

```css
    height: 100vh;
    margin: 0;
    background:
linear-gradient(135deg, #667eea,
#764ba2);
  }

  .counter-app {
    text-align: center;
    background: white;
    padding: 40px;
    border-radius: 15px;
    box-shadow: 0 10px 30px
rgba(0,0,0,0.2);
  }

  .counter-value {
    font-size: 3rem;
    font-weight: bold;
    color: #333;
    margin: 20px 0;
  }

  .btn {
    padding: 12px 24px;
    margin: 0 10px;
    font-size: 1rem;
    border: none;
    border-radius: 8px;
    cursor: pointer;
    transition: all 0.3s ease;
  }

  .btn-tambah {
    background-color: #4caf50;
    color: white;
  }

  .btn-kurang {
    background-color: #f44336;
    color: white;
  }

  .btn:hover {
    transform: translateY(-2px);
    box-shadow: 0 5px 15px
rgba(0,0,0,0.2);
  }

  .btn:active {
    transform: translateY(0);
  }
```

(*Tampilan ketika klik Tambah*)

(*Tampilan ketika klik kurang*)

```
    </style>
</head>
<body>
  <div id="app">
    <div class="counter-app">
      <h1>Vue Counter App (Bisa
Minus)</h1>
      <div class="counter-value">{{
counter }}</div>
      <button
        class="btn btn-tambah"
        @click="counter++"
      >
        ➕ Tambah
      </button>
      <button
        class="btn btn-kurang"
        @click="decrement"
      >
        ➖ Kurang
      </button>
    </div>
  </div>

  <script>
    const { createApp, ref } = Vue

    createApp({
      setup() {
        const counter = ref(0)

        function decrement() {
          counter.value--
        }

        return {
          counter,
          decrement
        }
      }
    }).mount('#app')
  </script>
</body>
</html>
```

3
Buat daftar makanan favorit dengan v-for.

pseudocode	output

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport"
content="width=device-width,
initial-scale=1.0"/>
  <title>Daftar Makanan Favorit -
Vue.js</title>
  <script
src="https://unpkg.com/vue@3/dist/vue
.global.js"></script>
  <style>
    body {
      font-family: 'Segoe UI',
Tahoma, Geneva, Verdana, sans-serif;
      background:
linear-gradient(135deg, #ffecd2,
#fcb69f);
      margin: 0;
      padding: 20px;
    }

    .container {
      max-width: 600px;
      margin: 40px auto;
      background: white;
      padding: 30px;
      border-radius: 15px;
      box-shadow: 0 8px 30px
rgba(0,0,0,0.1);
    }

    h1 {
      text-align: center;
      color: #e67e22;
      margin-bottom: 30px;
    }

    .food-list {
      list-style: none;
      padding: 0;
    }

    .food-item {
      display: flex;
      align-items: center;
```


(*Tampilan Utama*)

(*Tampilan Ketika di hover*)

```
      padding: 15px;
      margin-bottom: 12px;
      background: #fdf5e6;
      border-radius: 10px;
      box-shadow: 0 2px 5px
rgba(0,0,0,0.05);
      transition: transform 0.2s;
    }

    .food-item:hover {
      transform: translateX(5px);
      background: #fae5c8;
    }

    .food-number {
      background: #e67e22;
      color: white;
      width: 30px;
      height: 30px;
      border-radius: 50%;
      display: flex;
      align-items: center;
      justify-content: center;
      font-weight: bold;
      margin-right: 15px;
      flex-shrink: 0;
    }

    .food-name {
      font-size: 1.1rem;
      font-weight: 600;
      color: #333;
    }
  </style>
</head>
<body>
  <div id="app">
    <div class="container">
      <h1>🍜 Makanan Favorit
Saya</h1>
      <ul class="food-list">
        <li
          v-for="(makanan, index) in
makananFavorit"
          :key="index"
          class="food-item"
        >
          <div class="food-number">{{
index + 1 }}</div>
          <div class="food-name">{{
makanan }}</div>
        </li>
```

```
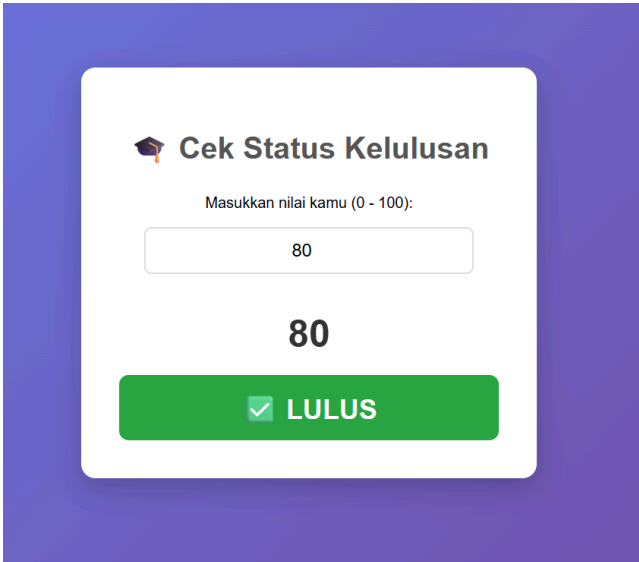      </ul>
    </div>
  </div>

  <script>
    const { createApp, ref } = Vue

    createApp({
      setup() {
        const makananFavorit = ref([
          'Nasi Goreng',
          'Bakso',
          'Sate Ayam',
          'Rendang',
          'Mie Ayam',
          'Martabak Manis',
          'Pempek'
        ])

        return {
          makananFavorit
        }
      }
    }).mount('#app')
  </script>
</body>
</html>
```

4
Gunakan v-if untuk menampilkan status nilai (≥75: Lulus, <75: Tidak Lulus).

pseudocode	output

``
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport"
content="width=device-width,
initial-scale=1.0"/>
  <title>Status Kelulusan -
Vue.js</title>
  <script
src="https://unpkg.com/vue@3/dist/vue
.global.js"></script>
  <style>
    body {
      font-family: 'Arial',
sans-serif;
      background:
``
	
	(*Tampilan Utama*)

```
linear-gradient(135deg, #667eea,
#764ba2);
      margin: 0;
      padding: 20px;
      display: flex;
      justify-content: center;
      align-items: center;
      min-height: 100vh;
    }

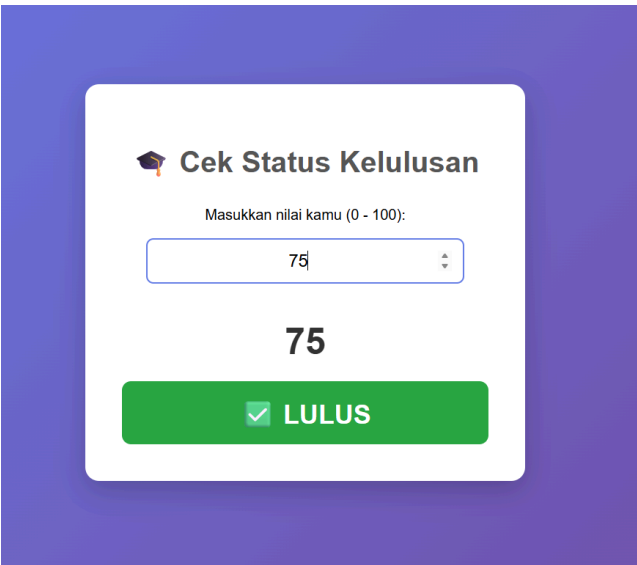    .container {
      background: white;
      padding: 40px;
      border-radius: 15px;
      box-shadow: 0 10px 30px
rgba(0,0,0,0.2);
      text-align: center;
      max-width: 400px;
      width: 100%;
    }

    h1 {
      color: #555;
      margin-bottom: 30px;
    }

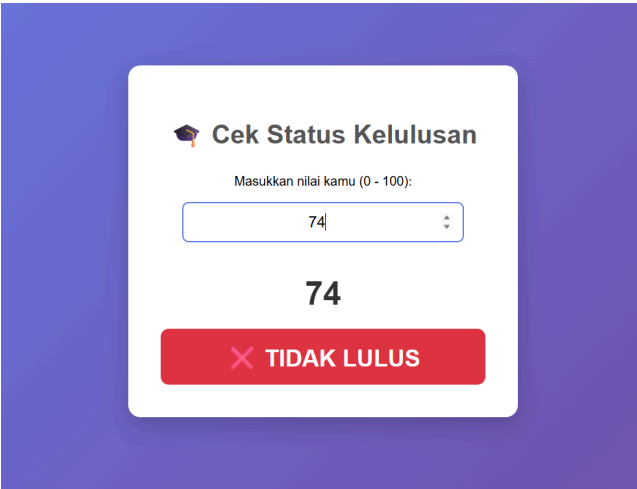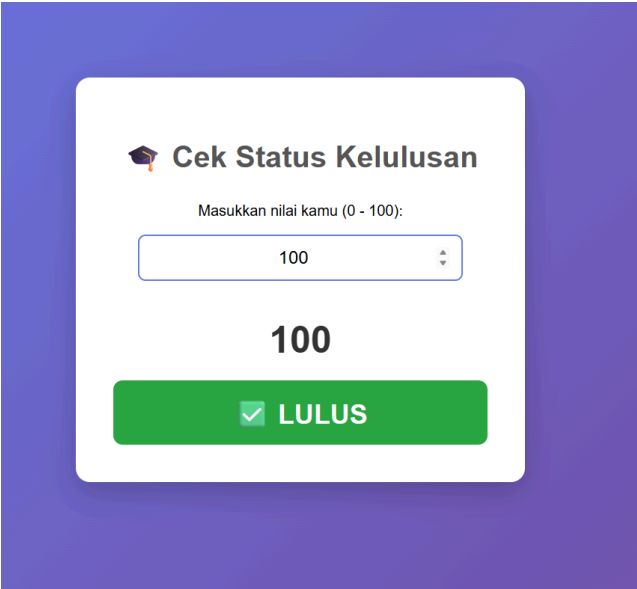    .nilai-box {
      font-size: 2.5rem;
      font-weight: bold;
      color: #333;
      margin: 20px 0;
    }

    .status-lulus {
      font-size: 1.8rem;
      font-weight: bold;
      color: white;
      background: #28a745;
      padding: 15px;
      border-radius: 10px;
      margin-top: 20px;
    }

    .status-tidak-lulus {
      font-size: 1.8rem;
      font-weight: bold;
      color: white;
      background: #dc3545;
      padding: 15px;
      border-radius: 10px;
      margin-top: 20px;
    }
```


(*Nilai KKM dimulai dari 75*)

(*Tampilan ketika dibawah 75*)

```html
    input {
      padding: 12px;
      font-size: 1.2rem;
      border: 2px solid #ddd;
      border-radius: 8px;
      width: 80%;
      text-align: center;
      margin-bottom: 20px;
    }

    input:focus {
      outline: none;
      border-color: #667eea;
    }
  </style>
</head>
<body>
  <div id="app">
    <div class="container">
      <h1>🎓 Cek Status
Kelulusan</h1>
      <p>Masukkan nilai kamu (0 -
100):</p>
      <input
        type="number"
        v-model.number="nilai"
        min="0"
        max="100"
        placeholder="Contoh: 85"
      >

      <div class="nilai-box">{{ nilai
}}</div>

      <!-- Gunakan v-if / v-else
untuk menampilkan status -->
      <div v-if="nilai >= 75"
class="status-lulus">
        ✅ LULUS
      </div>
      <div v-else
class="status-tidak-lulus">
        ❌ TIDAK LULUS
      </div>
    </div>
  </div>

  <script>
    const { createApp, ref } = Vue

    createApp({
```

```
    setup() {
      // Nilai default
      const nilai = ref(80)

      return {
        nilai
      }
    }
  }).mount('#app')
</script>
</body>
</html>
```