

## Ujian Praktikum Vue.js (CDN)

Elemen KK 3 : Pemrograman Web  
Kelas : XI RPL 3  
Durasi : 120 menit  
Bentuk Ujian : Praktikum  
Nama : Abiyya Hamdan Nurwandha  
Nis : 2425120672  
Hari/Tanggal : Rabu, 01/10/2025



### Instruksi Umum

1. Gunakan Vue.js versi CDN dalam 1 atau 3 file HTML.
2. Gunakan fitur:
  - o Interpolasi {{ }}
  - o Binding data (v-bind / :attr)
  - o Directive v-model
  - o v-for untuk perulangan
  - o v-on / @ untuk event handler
3. Kerjakan tiga aplikasi berikut sebagai berikut:
  - o Aplikasi To-do List
  - o Aplikasi Kalkulator
  - o Aplikasi Catatan
4. Berikan penamaan format file dengan **noabsen\_nama\_UjianPraktekVue.pdf**
5. Simpan format file gif untuk ujicoba aplikasi yang ada di browser.

#### ♦ Ujian 1: Aplikasi To-do List

Spesifikasi:

- Input teks tugas dengan v-model.
- Tombol Tambah untuk menambahkan ke daftar.
- Tugas ditampilkan dengan v-for.
- Tombol Hapus untuk menghapus tugas.

♦ **Ujian 2: Aplikasi Kalkulator**

Spesifikasi:

- Dua input angka (v-model).
- Pilihan operasi (+, -, \*, /).
- Tombol Hitung dengan v-on.
- Hasil ditampilkan dengan interpolasi.

♦ **Ujian 3: Aplikasi Catatan**

Spesifikasi:

- Input judul dan isi catatan dengan v-model.
- Tombol Simpan untuk menambahkan catatan.
- Tampilkan daftar catatan dengan v-for.
- Sediakan tombol Hapus.



**Rubrik Penilaian**

Aspek yang Dinilai	Skor
Struktur dasar HTML & Vue CDN	10
Interpolasi {{ }}	10
Penggunaan v-model	15
Looping data dengan v-for	15
Event handling v-on / @	15
Fitur utama aplikasi berfungsi	20
Kerapian kode & tampilan UI	15
<b>Total</b>	<b>100</b>

## Lembar Jawaban

Struktur Folder	
	<pre>└─ PERTEMUAN_10     └─ CSS         # Aplikasi Catatan.css         # Aplikasi Kalkulator.css         # Aplikasi To-do list.css         # Home.css         ▷ Aplikasi Catatan.html         ▷ Aplikasi Kalkulator.html         ▷ Aplikasi To-do List.html         ▷ Home.html</pre>

Home	
HTML / JS	CSS
<pre>&lt;!DOCTYPE html&gt; &lt;html lang="id"&gt; &lt;head&gt;     &lt;meta charset="UTF-8"&gt;     &lt;meta name="viewport" content="width=device-width, initial-scale=1.0"&gt;     &lt;title&gt;Ujian Praktikum Vue.js&lt;/title&gt;     &lt;link rel="stylesheet" href="CSS/Home.css"&gt; &lt;/head&gt; &lt;body&gt;     &lt;div class="container"&gt;         &lt;!-- Navbar --&gt;         &lt;nav class="navbar"&gt;             &lt;div class="navbar-left"&gt; &lt;h1&gt;&lt;span&gt; Ujian</pre>	<pre>* {     margin: 0;     padding: 0;     box-sizing: border-box;     font-family: "Segoe UI", Tahoma, Geneva, Verdana, sans-serif; }  body {     background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);     min-height: 100vh;     padding: 20px; }  .container {     max-width: 1200px;     margin: 0 auto; }</pre>

```
Praktikum Vue.js (CDN)</h1>
    </div>
    <div
class="navbar-right">
    <a href="Applikasi To-do List.html" class="btn btn-todo">To-do List</a>
    <a href="Applikasi Kalkulator.html" class="btn btn-calculator">Kalkulator</a>
    <a href="Applikasi Catatan.html" class="btn btn-notes">Catatan</a>
</div>
</nav>

<!-- Info Card -->
<div class="info-card">
    <h2>Informasi Ujian</h2>
    <div
class="info-table">
        <div
class="info-row">
            <div
class="info-cell
info-label">Elemen KK 3</div>
            <div
class="info-cell
info-value">Pemrograman Web</div>
            <div
class="info-cell
info-label">Kelas</div>
            <div
class="info-cell info-value">XI RPL 3</div>
            <div
class="info-cell
info-label">Durasi</div>
            <div
class="info-cell info-value">120 menit</div>
</div>
```

```
/* Navbar Styles */
.navbar {
    background: white;
    border-radius: 15px;
    padding: 20px 30px;
    margin-bottom: 30px;
    box-shadow: 0 4px 20px rgba(0, 0, 0, 0.15);
    display: flex;
    justify-content: space-between;
    align-items: center;
}

.navbar-left h1 {
    font-size: 1.5rem;
    font-weight: 700;
    color: #2d3748;
    display: flex;
    align-items: center;
    gap: 10px;
}

.navbar-left h1 span {
    color: #667eea;
}

.navbar-right {
    display: flex;
    gap: 15px;
}

.btn {
    padding: 12px 24px;
    border: none;
    border-radius: 8px;
    font-weight: 600;
    font-size: 1rem;
    cursor: pointer;
    transition: all 0.3s ease;
    text-decoration: none;
    display: inline-block;
}
```

```
</div>
<div

class="info-row">
    <div
        class="info-cell
info-label">Bentuk Ujian</div>
    <div
        class="info-cell
info-value">Praktikum</div>
    <div
        class="info-cell
info-label">Nama</div>
    <div
        class="info-cell
info-value">Abiyya Hamdan
Nurwandha</div>
    <div
        class="info-cell
info-label">NIS</div>
    <div
        class="info-cell
info-value">2425120672</div>
    </div>
    <div

class="info-row">
    <div
        class="info-cell
info-label">Hari/Tanggal</div>
    <div
        class="info-cell info-value">Rabu,
01/10/2025</div>
    </div>
    </div>
</div>
</body>
</html>

text-align: center;
}

.btn-todo {
    background: #48bb78;
    color: white;
}

.btn-todo:hover {
    background: #38a169;
    transform: translateY(-2px);
}

.btn-calculator {
    background: #f6ad55;
    color: white;
}

.btn-calculator:hover {
    background: #ed8936;
    transform: translateY(-2px);
}

.btn-notes {
    background: #4299e1;
    color: white;
}

.btn-notes:hover {
    background: #3182ce;
    transform: translateY(-2px);
}

/* Info Card Styles */
.info-card {
    background: white;
    border-radius: 15px;
    padding: 30px;
    box-shadow: 0 4px 20px rgba(0, 0, 0, 0.15);
}
```

```
.info-card h2 {
    font-size: 1.3rem;
    color: #2d3748;
    margin-bottom: 20px;
    padding-bottom: 15px;
    border-bottom: 2px solid
#e2e8f0;
}

.info-table {
    width: 100%;
    border-collapse: collapse;
}

.info-row {
    display: flex;
    align-items: center;
    padding: 15px 0;
    border-bottom: 1px solid
#edf2f7;
}

.info-cell {
    padding: 8px 15px;
    color: #2d3748;
    font-weight: 500;
}

.info-label {
    font-weight: 600;
    color: #4a5568;
    min-width: 120px;
}

.info-value {
    flex: 1;
    text-align: right;
}

/* Responsive Design */
@media (max-width: 768px) {
    .navbar {
```

```
flex-direction: column;
gap: 20px;
text-align: center;
}

.navbar-right {
width: 100%;
justify-content: center;
}

.info-row {
flex-wrap: wrap;
}

.info-cell {
width: 100%;
text-align: left;
padding: 8px 0;
}

.info-label {
min-width: auto;
margin-bottom: 5px;
}

.info-value {
text-align: left;
padding-left: 0;
}
}
```

**Output :**

 Ujian Praktikum Vue.js (CDN)

To-do List Kalkulator Catatan

### Informasi Ujian

Elemen KK 3	Pemrograman Web	Kelas	XI RPL 3	Durasi	120 menit
Bentuk Ujian	Praktikum	Nama	Abiyya Hamdan Nurwandha	NIS	2425120672
Hari/Tanggal			Rabu, 01/10/2025		

## Aplikasi To-do List

HTML / JS	CSS
<pre>&lt;!DOCTYPE html&gt; &lt;html lang="id"&gt; &lt;head&gt;     &lt;meta charset="UTF-8"&gt;     &lt;meta name="viewport" content="width=device-width, initial-scale=1.0"&gt;     &lt;title&gt;To-do List - Ujian Vue.js&lt;/title&gt;     &lt;script src="https://unpkg.com/vue@3/dist/ vue.global.js"&gt;&lt;/script&gt;     &lt;link rel="stylesheet" href="CSS/Aplikasi To-do list.css"&gt; &lt;/head&gt; &lt;body&gt;     &lt;div id="app" class="container"&gt;         &lt;!-- Navbar --&gt;</pre>	<pre>* {     margin: 0;     padding: 0;     box-sizing: border-box;     font-family: "Segoe UI", Tahoma, Geneva, Verdana, sans-serif; }  body {     background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);     min-height: 100vh;     padding: 20px; }  .container {     max-width: 800px;     margin: 0 auto; }</pre>

```

<nav class="navbar">
    <div
    class="navbar-left">

<h1><span> Ujian
Praktikum Vue.js (CDN)</h1>
    </div>
    <div
    class="navbar-right">
        <a
        href="Home.html" class="btn
btn-home">Home</a>
        <a href="Applikasi
Kalkulator.html" class="btn
btn-calculator">Kalkulator</a>
        <a href="Applikasi
Catatan.html" class="btn
btn-notes">Catatan</a>
    </div>
</nav>

<!-- Todo App -->
<div class="todo-app">
    <div
    class="todo-header">
        <h2>Applikasi To-do
List</h2>
        <p>Tambahkan tugas
harian Anda</p>
    </div>

    <div
    class="input-group">
        <input
            type="text"
            v-model="newTask"
            @keyup.enter="addTask"
            placeholder="Masukkan tugas
baru...">
    </div>
</div>

```

```

/* Navbar */
.navbar {
    background: white;
    border-radius: 15px;
    padding: 20px 30px;
    margin-bottom: 30px;
    box-shadow: 0 4px 20px rgba(0,
0, 0, 0.15);
    display: flex;
    justify-content: space-between;
    align-items: center;
}

.navbar-left h1 {
    font-size: 1.5rem;
    font-weight: 700;
    color: #2d3748;
    display: flex;
    align-items: center;
    gap: 10px;
}

.navbar-left h1 span {
    color: #667eea;
}

.navbar-right {
    display: flex;
    gap: 15px;
}

.btn {
    padding: 10px 20px;
    border: none;
    border-radius: 8px;
    font-weight: 600;
    font-size: 0.9rem;
    cursor: pointer;
    transition: all 0.3s ease;
    text-decoration: none;
    display: inline-block;
}

```

```

        >
        <button
@click="addTask">Tambah</button>
    </div>

    <ul class="todo-list">
        <li v-for="(task,
index) in tasks" :key="index"
class="todo-item">
            <span
class="todo-text">{{ task
}}</span>
            <button
@click="removeTask(index)"
class="delete-btn">Hapus</button>
        </li>
        <li
v-if="tasks.length === 0"
class="empty-state">
            Belum ada
tugas. Tambahkan tugas pertama
Anda!
        </li>
    </ul>
</div>
</div>

<script>
    const { createApp } = Vue;

    createApp({
        data() {
            return {
                newTask: '',
                tasks: []
            }
        },
        methods: {
            addTask() {
                if
(this.newTask.trim() !== '') {

```

```

                text-align: center;
            }

.btn-home {
    background: #48bb78;
    color: white;
}

.btn-home:hover {
    background: #38a169;
    transform: translateY(-2px);
}

.btn-calculator {
    background: #f6ad55;
    color: white;
}

.btn-calculator:hover {
    background: #ed8936;
    transform: translateY(-2px);
}

.btn-notes {
    background: #4299e1;
    color: white;
}

.btn-notes:hover {
    background: #3182ce;
    transform: translateY(-2px);
}

/* Todo App */
.todo-app {
    background: white;
    border-radius: 15px;
    padding: 30px;
    box-shadow: 0 4px 20px rgba(0,
0, 0, 0.15);
}
```

```
this.tasks.push(this.newTask.trim());
});

this.newTask = '';
}
,
removeTask(index)
{
  this.tasks.splice(index, 1);
}
)
).mount('#app');
</script>
</body>
</html>
```

```
.todo-header {
  text-align: center;
  margin-bottom: 25px;
}

.todo-header h2 {
  font-size: 1.8rem;
  color: #2d3748;
  margin-bottom: 10px;
}

.todo-header p {
  color: #4a5568;
  font-size: 1rem;
}

.input-group {
  display: flex;
  gap: 10px;
  margin-bottom: 25px;
}

.input-group input {
  flex: 1;
  padding: 14px 20px;
  border: 2px solid #e2e8f0;
  border-radius: 10px;
  font-size: 1rem;
  outline: none;
  transition: border-color 0.3s
ease;
}

.input-group input:focus {
  border-color: #667eea;
}

.input-group button {
  padding: 14px 25px;
  background: #667eea;
  color: white;
  border: none;
}
```

```
border-radius: 10px;
font-weight: 600;
font-size: 1rem;
cursor: pointer;
transition: background 0.3s
ease;
}

.input-group button:hover {
background: #5a67d8;
}

.todo-list {
list-style: none;
}

.todo-item {
display: flex;
justify-content: space-between;
align-items: center;
padding: 15px 20px;
background: #f8fafc;
border-radius: 10px;
margin-bottom: 12px;
border-left: 4px solid #667eea;
transition: transform 0.2s ease;
}

.todo-item:hover {
transform: translateX(5px);
}

.todo-text {
font-size: 1.1rem;
color: #2d3748;
font-weight: 500;
}

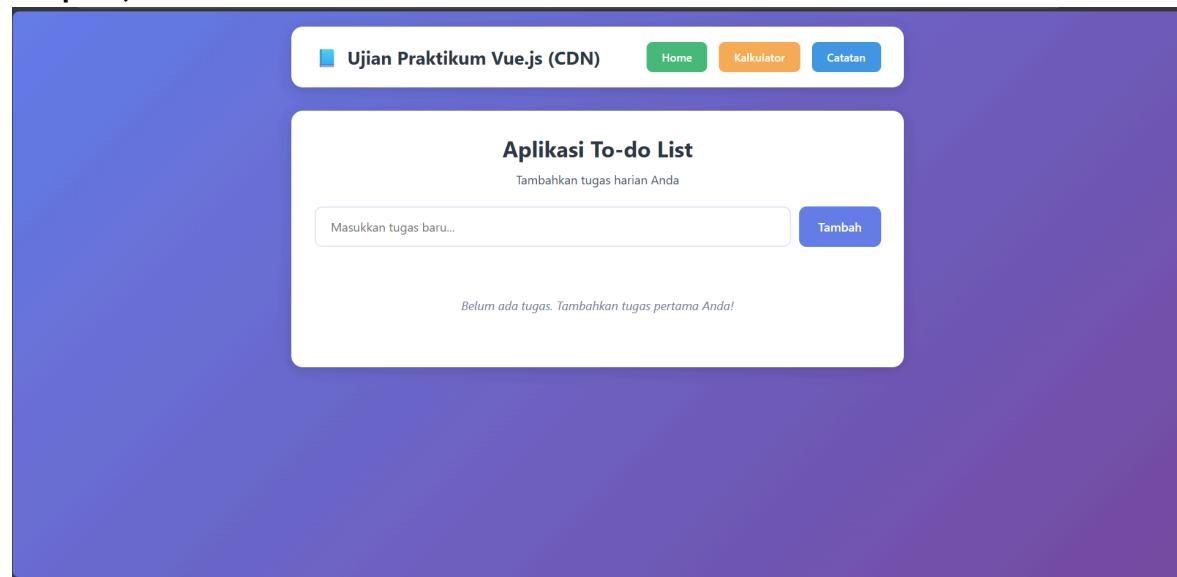
.delete-btn {
padding: 8px 16px;
background: #e53e3e;
color: white;
```

```
border: none;
border-radius: 6px;
font-weight: 600;
cursor: pointer;
transition: background 0.3s
ease;
}

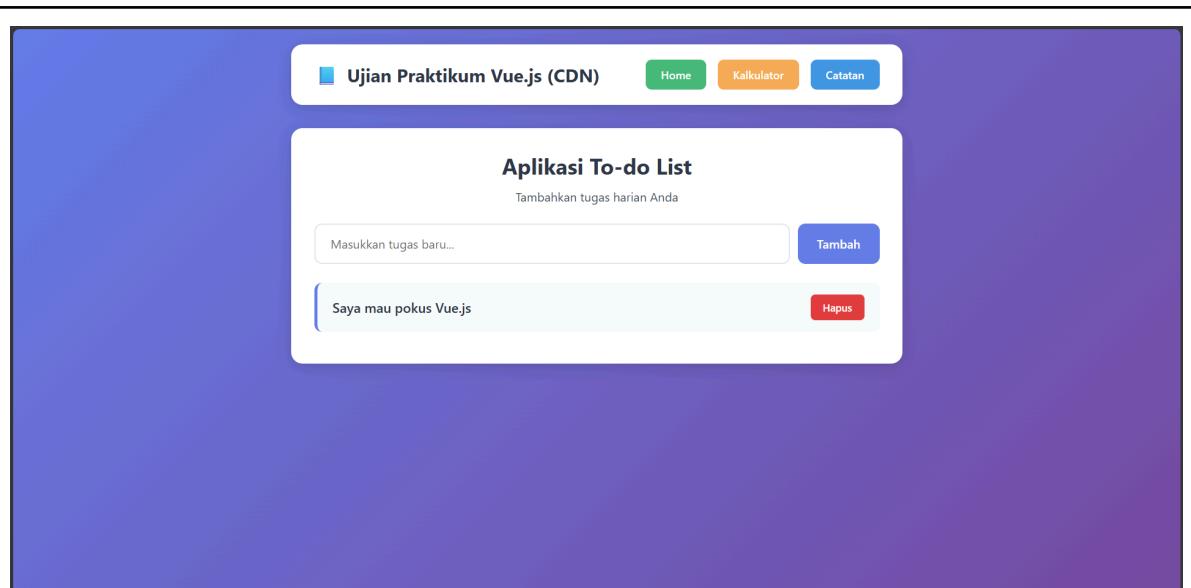
.delete-btn:hover {
background: #c53030;
}

.empty-state {
text-align: center;
padding: 40px 20px;
color: #718096;
font-style: italic;
}
```

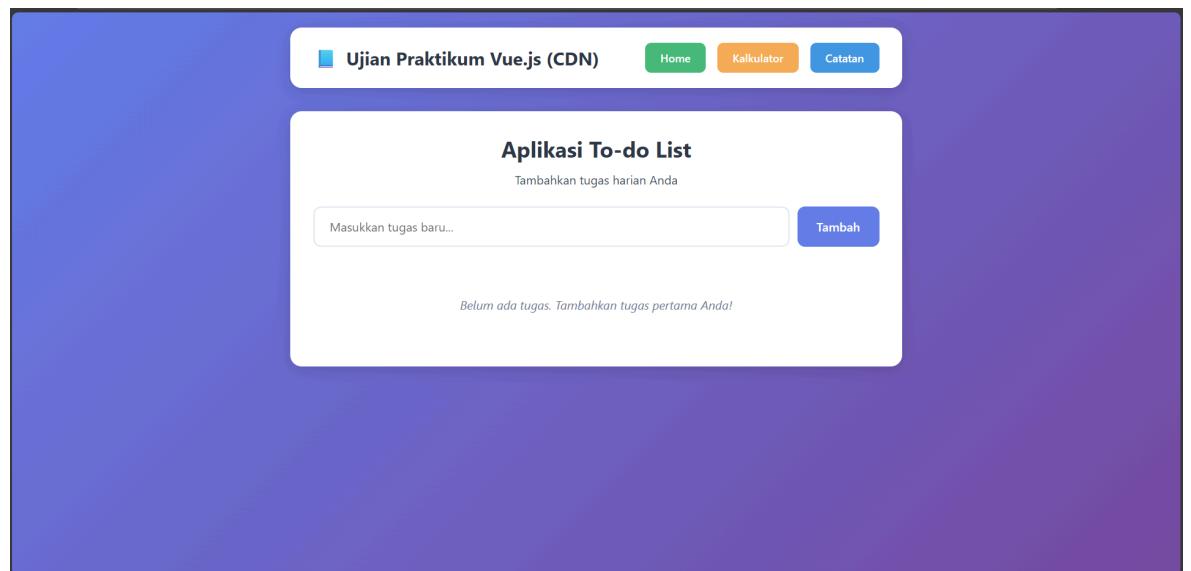
## Output :



**“Tampilan Utama”**



**“Tampilan ketika menambahkan To-list”**



**“Tampilan ketika to-do list di hapus/Delete”**

Aplikasi Kalkulator	
HTML / JS	CSS
<pre>&lt;!DOCTYPE html&gt; &lt;html lang="id"&gt; &lt;head&gt;</pre>	<pre>* {   margin: 0;   padding: 0;</pre>

```

<meta charset="UTF-8">
<meta name="viewport"
content="width=device-width,
initial-scale=1.0">
<title>Kalkulator - Ujian
Vue.js</title>
<script
src="https://unpkg.com/vue@3/dist/
vue.global.js"></script>
<link rel="stylesheet"
href="CSS/Aplikasi
Kalkulator.css">
</head>
<body>
<div id="app"
class="container">
<!-- Navbar -->
<nav class="navbar">
<div
class="navbar-left">

<h1><span>☰</span> Ujian
Praktikum Vue.js (CDN)</h1>
</div>
<div
class="navbar-right">
<a
href="Home.html" class="btn
btn-home">Home</a>
<a href="Aplikasi
To-do List.html" class="btn
btn-todo">To-do List</a>
<a href="Aplikasi
Catatan.html" class="btn
btn-notes">Catatan</a>
</div>
</nav>

<!-- Calculator App -->
<div
class="calculator-app">
<div

```

```

box-sizing: border-box;
font-family: "Segoe UI", Tahoma,
Geneva, Verdana, sans-serif;
}

body {
background:
linear-gradient(135deg, #667eea
0%, #764ba2 100%);
min-height: 100vh;
padding: 20px;
}

.container {
max-width: 800px;
margin: 0 auto;
}

/* Navbar */
.navbar {
background: white;
border-radius: 15px;
padding: 20px 30px;
margin-bottom: 30px;
box-shadow: 0 4px 20px rgba(0,
0, 0, 0.15);
display: flex;
justify-content: space-between;
align-items: center;
}

.navbar-left h1 {
font-size: 1.5rem;
font-weight: 700;
color: #2d3748;
display: flex;
align-items: center;
gap: 10px;
}

.navbar-left h1 span {
color: #667eea;

```

```
class="calculator-header">
    <h2>Aplikasi
Kalkulator</h2>
    <p>Lakukan
perhitungan matematika
sederhana</p>
</div>

        <div
class="calculator-form">
    <div
class="form-group">
        <label
for="angka1">Angka Pertama</label>
        <input

type="number"

id="angka1"

v-model.number="angka1"

placeholder="Masukkan angka
pertama"
        >
    </div>

        <div
class="form-group">
        <label
for="operasi">Operasi</label>
        <select
id="operasi" v-model="operasi">
            <option
value="+>Penjumlahan (+)</option>
            <option
value="->Pengurangan (-)</option>
            <option
value="*>Perkalian (×)</option>
            <option
value="/">Pembagian (÷)</option>
        </select>
    </div>

```

```
}
```

```
.navbar-right {
    display: flex;
    gap: 15px;
}

.btn {
    padding: 10px 20px;
    border: none;
    border-radius: 8px;
    font-weight: 600;
    font-size: 0.9rem;
    cursor: pointer;
    transition: all 0.3s ease;
    text-decoration: none;
    display: inline-block;
    text-align: center;
}

.btn-home {
    background: #48bb78;
    color: white;
}

.btn-home:hover {
    background: #38a169;
    transform: translateY(-2px);
}

.btn-todo {
    background: #f6ad55;
    color: white;
}

.btn-todo:hover {
    background: #ed8936;
    transform: translateY(-2px);
}

.btn-notes {
    background: #4299e1;
}
```

```
        </div>

        <div
class="form-group">
            <label
for="angka2">Angka Kedua</label>
            <input

type="number"

id="angka2"

v-model.number="angka2"

placeholder="Masukkan angka kedua"
            >
        </div>
    </div>

    <button
@click="hitung"
class="calculate-btn">Hitung</button>

    <div
class="result-section">
        <div
class="result-label">Hasil
Perhitungan:</div>
        <div
class="result-value" :class="{
'error': hasError }">{{ hasil
}}</div>
    </div>
</div>

<script>
    const { createApp } = Vue;
    createApp({
        data() {
```

```
        color: white;
    }

.btn-notes:hover {
    background: #3182ce;
    transform: translateY(-2px);
}

/* Calculator App */
.calculator-app {
    background: white;
    border-radius: 15px;
    padding: 30px;
    box-shadow: 0 4px 20px rgba(0,
0, 0, 0.15);
}

.calculator-header {
    text-align: center;
    margin-bottom: 25px;
}

.calculator-header h2 {
    font-size: 1.8rem;
    color: #2d3748;
    margin-bottom: 10px;
}

.calculator-header p {
    color: #4a5568;
    font-size: 1rem;
}

.calculator-form {
    display: grid;
    gap: 20px;
    margin-bottom: 25px;
}

.form-group {
    display: flex;
    flex-direction: column;
```

```
        return {
            angka1: null,
            angka2: null,
            operasi: '+',
            hasil: '',
            hasError:
false
        }
    },
methods: {
    hitung() {
        // Reset error
state
        this.hasError
= false;

        // Validasi
input
        if
(this.angka1 === null ||
this.angka2 === null ||
this.angka1 === '' || this.angka2
== '' ) {
            this.hasil
= 'Masukkan kedua angka!';

this.hasError = true;
        }
        let result;
        const num1 =
parseFloat(this.angka1);
        const num2 =
parseFloat(this.angka2);

switch(this.operasi) {
    case '+':
        result
= num1 + num2;
        break;
}
    }
}

gap: 8px;
}

.form-group label {
    font-weight: 600;
    color: #4a5568;
    font-size: 1rem;
}

.form-group input {
    padding: 14px 20px;
    border: 2px solid #e2e8f0;
    border-radius: 10px;
    font-size: 1.1rem;
    outline: none;
    transition: border-color 0.3s
ease;
}

.form-group input:focus {
    border-color: #667eea;
}

.form-group select {
    padding: 14px 20px;
    border: 2px solid #e2e8f0;
    border-radius: 10px;
    font-size: 1.1rem;
    outline: none;
    background: white;
    cursor: pointer;
    transition: border-color 0.3s
ease;
}

.form-group select:focus {
    border-color: #667eea;
}

.calculate-btn {
    padding: 16px;
    background: #667eea;
```

```
        case '-':
            result
= num1 - num2;
            break;
        case '*':
            result
= num1 * num2;
            break;
        case '/':
            if
(num2 === 0) {
this.hasil = 'Error: Pembagian
dengan nol!';
this.hasError = true;
return;
}
            result
= num1 / num2;
            break;
        default:
            result
= 0;
}

// Format
hasil dengan maksimal 10 digit
if (result % 1
!== 0) {
    this.hasil
=
parseFloat(result.toFixed(10)).toString();
} else {
    this.hasil
= result.toString();
}
}

}).mount('#app');
```

```
color: white;
border: none;
border-radius: 10px;
font-weight: 700;
font-size: 1.2rem;
cursor: pointer;
transition: background 0.3s
ease;
width: 100%;
```

```
.calculate-btn:hover {
background: #5a67d8;
}
```

```
.result-section {
text-align: center;
padding: 25px;
background: #f8fafc;
border-radius: 10px;
border: 2px dashed #e2e8f0;
}
```

```
.result-label {
font-size: 1.1rem;
color: #4a5568;
margin-bottom: 10px;
}
```

```
.result-value {
font-size: 2rem;
font-weight: 700;
color: #2d3748;
min-height: 40px;
}
```

```
.error {
color: #e53e3e;
}
```

```
</script>  
</body>  
</html>
```

Output :

The screenshot shows a web-based application titled "Aplikasi Kalkulator". The title bar includes a logo for "Ujian Praktikum Vue.js (CDN)" and navigation buttons for "Home", "To-do List", and "Catatan". Below the title, the text "Lakukan perhitungan matematika sederhana" is displayed. The interface consists of three input fields: "Angka Pertama" (First Number) containing "Masukkan angka pertama", "Operasi" (Operation) containing "Penjumlahan (+)", and "Angka Kedua" (Second Number) containing "Masukkan angka kedua". A large blue button labeled "Hitung" (Calculate) is positioned below these fields. To the right of the "Hitung" button is a dashed box labeled "Hasil Perhitungan:" (Calculation Result). The result area is currently empty.

*“Tampilan Utama Kalkulator”*

The screenshot shows the same calculator application as above, but with different input values. The "Angka Pertama" field now contains "20", the "Operasi" field contains "Penjumlahan (+)", and the "Angka Kedua" field also contains "20". The "Hitung" button has been clicked, and the result "40" is displayed in the "Hasil Perhitungan:" box.

*“Tampilan ketika user memasukan angka perrtama dan angka kedua kemudian memilih Operasi/Operator untuk mengoperasikan angka pertama dan angka ke dua”*

## Aplikasi Catatan

HTML / JS	CSS
<pre>&lt;!DOCTYPE html&gt; &lt;html lang="id"&gt; &lt;head&gt;     &lt;meta charset="UTF-8"&gt;     &lt;meta name="viewport" content="width=device-width, initial-scale=1.0"&gt;     &lt;title&gt;Catatan - Ujian Vue.js&lt;/title&gt;     &lt;script src="https://unpkg.com/vue@3/dist/ vue.global.js"&gt;&lt;/script&gt;     &lt;link rel="stylesheet" href="CSS/Aplikasi Catatan.css"&gt; &lt;/head&gt; &lt;body&gt;     &lt;div id="app" class="container"&gt;         &lt;!-- Navbar --&gt;         &lt;nav class="navbar"&gt;             &lt;div class="navbar-left"&gt;  &lt;h1&gt;&lt;span&gt;█&lt;/span&gt; Ujian Praktikum Vue.js (CDN)&lt;/h1&gt;             &lt;/div&gt;             &lt;div class="navbar-right"&gt;                 &lt;a href="Home.html" class="btn btn-home"&gt;Home&lt;/a&gt;                 &lt;a href="Aplikasi To-do List.html" class="btn btn-todo"&gt;To-do List&lt;/a&gt;                 &lt;a href="Aplikasi Kalkulator.html" class="btn btn-calculator"&gt;Kalkulator&lt;/a&gt;             &lt;/div&gt;         &lt;/nav&gt;</pre>	<pre>* {     margin: 0;     padding: 0;     box-sizing: border-box;     font-family: "Segoe UI", Tahoma, Geneva, Verdana, sans-serif; }  body {     background: linear-gradient(135deg, #667eea 0%, #764ba2 100%);     min-height: 100vh;     padding: 20px; }  .container {     max-width: 1000px;     margin: 0 auto; }  /* Navbar */ .navbar {     background: white;     border-radius: 15px;     padding: 20px 30px;     margin-bottom: 30px;     box-shadow: 0 4px 20px rgba(0, 0, 0, 0.15);     display: flex;     justify-content: space-between;     align-items: center; }  .navbar-left h1 {     font-size: 1.5rem;     font-weight: 700;     color: #2d3748;     display: flex;</pre>

```
<!-- Notes App -->
<div class="notes-app">
    <!-- Form Input -->
    <div
        class="notes-form">
        <div
            class="form-header">
            <h2>Aplikasi
            Catatan</h2>
            <p>Buat
            catatan baru Anda</p>
        </div>

        <div
            class="form-group">
            <label
                for="judul">Judul Catatan</label>
            <input
                type="text"
                id="judul"
                v-model="judulBaru"
                placeholder="Masukkan judul
                catatan...">
        </div>

        <div
            class="form-group">
            <label
                for="isi">Isi Catatan</label>
            <textarea
                id="isi"
                v-model="isiBaru"
                placeholder="Tulis isi catatan
                Anda di sini..."></textarea>
        </div>
    </div>
</div>
```

```
    align-items: center;
    gap: 10px;
}

.navbar-left h1 span {
    color: #667eea;
}

.navbar-right {
    display: flex;
    gap: 15px;
}

.btn {
    padding: 10px 20px;
    border: none;
    border-radius: 8px;
    font-weight: 600;
    font-size: 0.9rem;
    cursor: pointer;
    transition: all 0.3s ease;
    text-decoration: none;
    display: inline-block;
    text-align: center;
}

.btn-home {
    background: #48bb78;
    color: white;
}

.btn-home:hover {
    background: #38a169;
    transform: translateY(-2px);
}

.btn-todo {
    background: #f6ad55;
    color: white;
}

.btn-todo:hover {
```

```
</div>

        <button
@click="simpanCatatan"
class="save-btn">Simpan
Catatan</button>
    </div>

        <!-- Daftar Catatan
-->
    <div
class="notes-list">
    <div
class="list-header">
        <h2>Daftar
Catatan</h2>
        <p>Catatan
yang telah Anda buat</p>
    </div>

    <div
v-if="catatan.length === 0"
class="empty-notes">
        Belum ada
catatan. Buat catatan pertama
Anda!
    </div>

        <div v-for="(note,
index) in catatan" :key="index"
class="note-item">
    <div
class="note-title">
        <span>{{ note.judul }}</span>
        <button
@click="hapusCatatan(index)"
class="delete-note-btn">Hapus</but
ton>
    </div>
    <div
class="note-content">{{ note.isi
}}
```

```
background: #ed8936;
transform: translateY(-2px);
}

.btn-calculator {
    background: #4299e1;
    color: white;
}

.btn-calculator:hover {
    background: #3182ce;
    transform: translateY(-2px);
}

/* Notes App */
.notes-app {
    display: grid;
    grid-template-columns: 1fr 1fr;
    gap: 30px;
}

@media (max-width: 768px) {
    .notes-app {
        grid-template-columns: 1fr;
    }
}

.notes-form {
    background: white;
    border-radius: 15px;
    padding: 30px;
    box-shadow: 0 4px 20px rgba(0,
0, 0, 0.15);
}

.notes-list {
    background: white;
    border-radius: 15px;
    padding: 30px;
    box-shadow: 0 4px 20px rgba(0,
0, 0, 0.15);
}
```

```
        } } </div>
    </div>
</div>
</div>

<script>
  const { createApp } = Vue;

  createApp({
    data() {
      return {
        judulBaru: '',
        isiBaru: '',
        catatan: []
      }
    },
    methods: {
      simpanCatatan() {
        if
(this.judulBaru.trim() !== '' &&
this.isiBaru.trim() !== '') {

          this.catatan.push({
            judul:
this.judulBaru.trim(),
            isi:
this.isiBaru.trim()
          });
        }

        this.judulBaru = '';
        this.isiBaru = '';
      }
    },
    hapusCatatan(index) {
      this.catatan.splice(index, 1);
    }
  }).mount('#app');
```

```
.form-header,
.list-header {
  text-align: center;
  margin-bottom: 25px;
}

.form-header h2,
.list-header h2 {
  font-size: 1.8rem;
  color: #2d3748;
  margin-bottom: 10px;
}

.form-header p,
.list-header p {
  color: #4a5568;
  font-size: 1rem;
}

.form-group {
  display: flex;
  flex-direction: column;
  gap: 12px;
  margin-bottom: 20px;
}

.form-group label {
  font-weight: 600;
  color: #4a5568;
  font-size: 1rem;
}

.form-group input {
  padding: 14px 20px;
  border: 2px solid #e2e8f0;
  border-radius: 10px;
  font-size: 1rem;
  outline: none;
  transition: border-color 0.3s
ease;
}
```

```
</script>  
</body>  
</html>
```

```
.form-group input:focus {  
    border-color: #667eea;  
}  
  
.form-group textarea {  
    padding: 14px 20px;  
    border: 2px solid #e2e8f0;  
    border-radius: 10px;  
    font-size: 1rem;  
    outline: none;  
    resize: vertical;  
    min-height: 150px;  
    transition: border-color 0.3s  
ease;  
}  
  
.form-group textarea:focus {  
    border-color: #667eea;  
}  
  
.save-btn {  
    padding: 16px;  
    background: #667eea;  
    color: white;  
    border: none;  
    border-radius: 10px;  
    font-weight: 700;  
    font-size: 1.1rem;  
    cursor: pointer;  
    transition: background 0.3s  
ease;  
    width: 100%;  
}  
  
.save-btn:hover {  
    background: #5a67d8;  
}  
  
.note-item {  
    background: #f8fafc;  
    border-radius: 10px;
```

```
padding: 20px;
margin-bottom: 15px;
border-left: 4px solid #667eea;
position: relative;
}

.note-title {
  font-size: 1.2rem;
  font-weight: 700;
  color: #2d3748;
  margin-bottom: 10px;
  display: flex;
  justify-content: space-between;
  align-items: center;
}

.note-content {
  color: #4a5568;
  line-height: 1.6;
  font-size: 1rem;
}

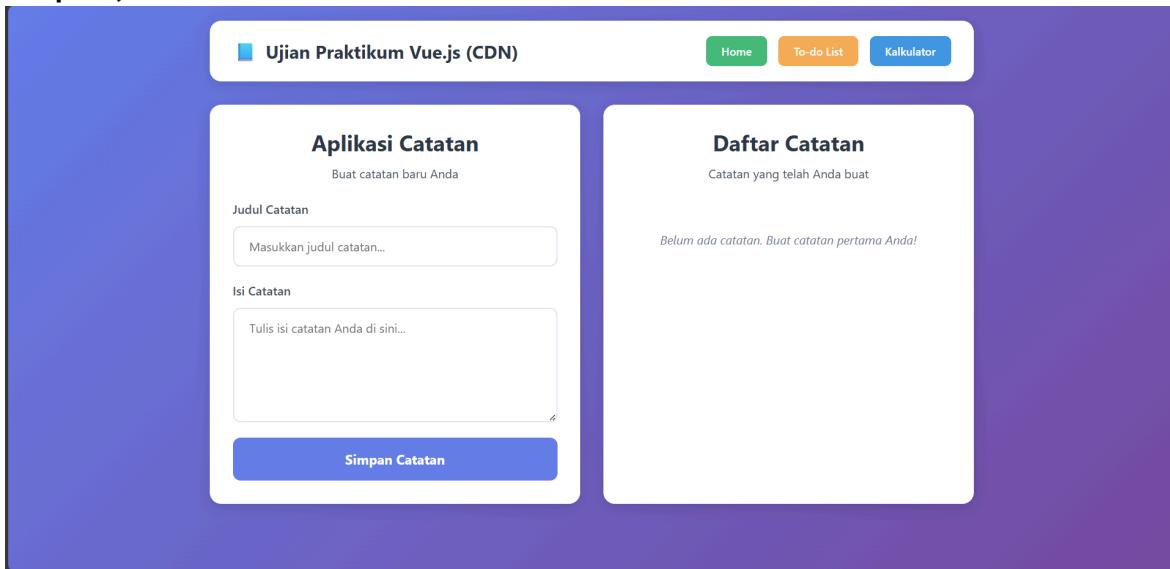
.delete-note-btn {
  padding: 6px 12px;
  background: #e53e3e;
  color: white;
  border: none;
  border-radius: 6px;
  font-weight: 600;
  font-size: 0.85rem;
  cursor: pointer;
  transition: background 0.3s
  ease;
}

.delete-note-btn:hover {
  background: #c53030;
}

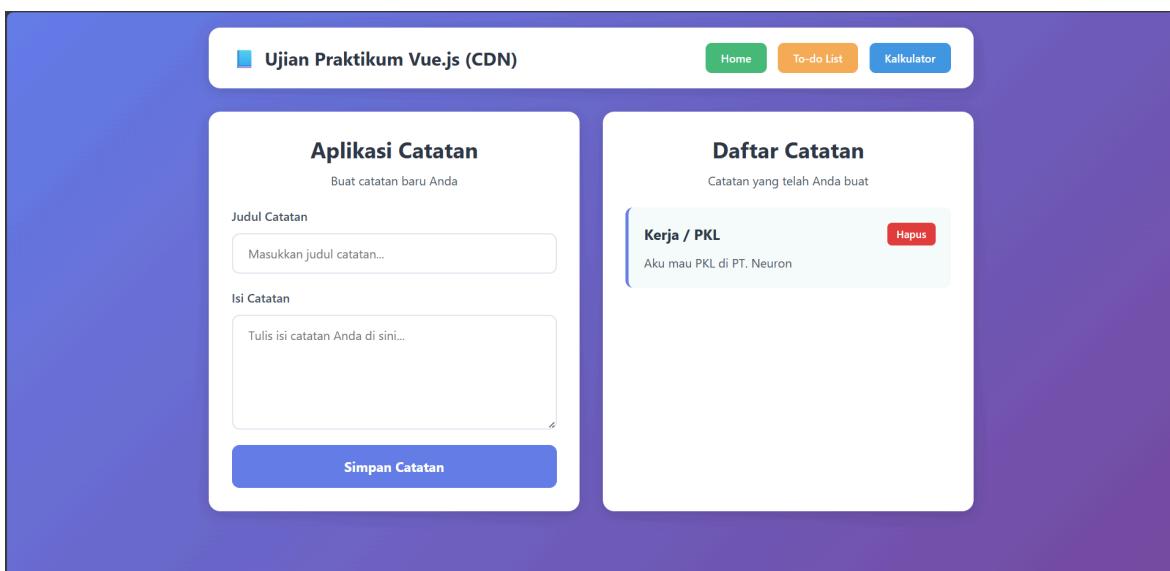
.empty-notes {
  text-align: center;
  padding: 40px 20px;
```

```
color: #718096;  
font-style: italic;  
}
```

## Output ;



*“tampilan Utama Aplikasi Catatan”*



*“Tampilan ketika user menambahkan Catatan dimulai dari judul lalu isi catatan”*

The screenshot shows a web application interface with a purple header and a white content area. The header contains the title "Ujian Praktikum Vue.js (CDN)" and three buttons: "Home" (green), "To-do List" (orange), and "Kalkulator" (blue). The main content is divided into two sections: "Aplikasi Catatan" on the left and "Daftar Catatan" on the right.

**Aplikasi Catatan**

Buat catatan baru Anda

Judul Catatan

Masukkan judul catatan...

Isi Catatan

Tulis isi catatan Anda di sini...

**Daftar Catatan**

Catatan yang telah Anda buat

Belum ada catatan. Buat catatan pertama Anda!

**“Tampilan dimana user bisa menghapus / delete. catatan yg sudah dicatat/simpan”**

#Untuk no 5 dipisah pengumpulannya