Lab — JavaScript vs Vue.js: Task 3  
Calculator in Vue.js

# What changes with Vue?

* Use v-model.number to keep inputs numeric.
* Derive result with a computed function so the UI updates automatically.

# Complete example

<!doctype html>

<html lang="en">

<head>

<meta charset="utf-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>Calculator — Vue.js</title>

<script src="https://unpkg.com/vue@2.7.8/dist/vue.js"></script>

</head>

<body>

<h1>Calculator — Vue.js</h1>

<div id="app">

<label for="x">x</label><input id="x" type="number" v-model.number="x" />

<label for="y">y</label><input id="y" type="number" v-model.number="y" />

<div>result: {{ sum }}</div>

</div>

<script>

new Vue({

el: '#app',

data: { x: 0, y: 0 },

computed: {

sum() { return Number(this.x || 0) + Number(this.y || 0); }

}

});

</script>

</body>

</html>

# Assessment checklist

* Vue 2.7.8 loaded via CDN.
* Inputs use v-model.number.
* Result is computed from x and y.