Lesson 9 Example Files

📁 Example 1: Bootstrap Only (Static Form)

Filename: `bootstrap-form.html`

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Bootstrap Contact Form</title>
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.
css" rel="stylesheet">
</head>
<body>
  <div class="container mt-4">
    <h2>Contact Us</h2>
    <input type="text" class="form-control mb-2" placeholder="Your name">
    <input type="email" class="form-control mb-2" placeholder="Your
email">
    <button class="btn btn-primary">Submit</button>
  </div>
</body>
</html>
```

📁 Example 2: Vue Only (Reactive Counter)

Filename: `vue-counter.html`

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Vue Counter</title>
  <script src="https://cdn.jsdelivr.net/npm/vue@2"></script>
</head>
<body>
  <div id="app" class="container mt-4">
    <h2>Counter</h2>
    <p>Count: {{ count }}</p>
    <button @click="count++">Increment</button>
  </div>

  <script>
    new Vue({
```

```
      el: '#app',
      data: {
        count: 0
      }
    });
  </script>
</body>
</html>
```

📒 Example 3: Bootstrap + Vue (Tip Calculator)

Filename: `bootstrap-vue-tip-calculator.html`

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Vue + Bootstrap Tip Calculator</title>
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.
css" rel="stylesheet">
  <script src="https://cdn.jsdelivr.net/npm/vue@2"></script>
</head>
<body>
  <div id="app" class="container mt-4">
    <h2>Tip Calculator</h2>
    <input type="number" class="form-control mb-2" v-model="bill"
placeholder="Bill amount">
    <input type="number" class="form-control mb-2" v-model="tip"
placeholder="Tip %">
    <button class="btn btn-primary" @click="calculate">Calculate
Tip</button>
    <div class="mt-3 alert alert-info">{{ output }}</div>
  </div>

  <script>
    new Vue({
      el: '#app',
      data: {
        bill: '',
        tip: '',
        output: ''
      },
      methods: {
        calculate() {
          const amount = parseFloat(this.bill);
          const percent = parseFloat(this.tip);
          if (isNaN(amount) || isNaN(percent)) {
            this.output = "Please enter valid numbers.";
```

```
            return;
        }
        const tipAmount = amount * percent / 100;
        const total = amount + tipAmount;
        this.output = `Tip: $${tipAmount.toFixed(2)}, Total:
$${total.toFixed(2)}`;
      }
    }
  });
  </script>
</body>
</html>
```

These three files provide standalone demonstrations of using Bootstrap, Vue, or both together. You can open any of them directly in a browser or deploy via GitHub Pages for live demos.