```javascript
const Item = {
  template: `
    <div class="shopping-item">
      <span>{{ item }}</span>
      <button @click="handleDelete">delete</button>
    </div>
  `,
  props: {
    item: String
  },
  data() {
    return {}
  },
  methods: {
    handleDelete() {
      this.$emit('delete')
    }
  }
}

const app = new Vue({
  el: '#app',
  components: { Item },
  data: {
    input: '',
    items: ['milk']
  },
  computed: {
    itemsLength() {
      return this.items.length
    }
  },
  methods: {
    handleSubmit() {
      this.items.push(this.input)
      this.input = ''
    },
    handleDeleteItem(index) {
      this.items.splice(index, 1)
    }
  }
})
```