

code > src > App.vue > {} "1" > script > data

```
1 <template>
2 <div>
3   <input type="number" v-model="amount" @input="convertCurrency">
4   <select v-model="selectedCurrency" @change="convertCurrency">
5     <option v-for="(rate, currency) in exchangeRates" :key="currency" :value="currency">{{ currency }}</option>
6   </select>
7   <p>Converted Amount: {{ convertedAmount }}</p>
8 </div>
9 </template>
10
11 <script>
12 export default {
13   data() {
14     return {
15       amount: 0,
16       selectedCurrency: 'USD',
17       exchangeRates: {
18         USD: 1, // 1 USD = 1 USD (base currency)
19         EUR: 0.85, // 1 USD = 0.85 EUR
20         GBP: 0.73 // 1 USD = 0.73 GBP
21       }
22     };
23   },
24   computed: {
25     convertedAmount() {
26       return (this.amount * this.exchangeRates[this.selectedCurrency]).toFixed(2);
27     }
28   },
29   methods: {
30     convertCurrency() {
31       this.convertedAmount = (this.amount * this.exchangeRates[this.selectedCurrency]).toFixed(2);
32     }
33   }
34 };
35 </script>
36
```

678

GBP

Converted Amount: 494.94

code > src > App.vue > {} "1"

```
1 <template>
2 <div>
3   <p>{{ formatTime }}</p>
4   <button @click="toggleTimer">{{ timerRunning ? 'Pause' : 'Start' }}</button>
5   <button @click="resetTimer">Reset</button>
6 </div>
7 </template>
8
9 <script>
10 export default {
11   data() {
12     return {
13       time: 0,
14       timerRunning: false
15     };
16   },
17   computed: {
18     formatTime() {
19       const minutes = Math.floor(this.time / 60);
20       const seconds = this.time % 60;
21       return `${minutes}:${seconds < 10 ? '0' : ''}${seconds}`;
22     }
23   },
24   methods: {
25     toggleTimer() {
26       if (this.timerRunning) {
27         clearInterval(this.timerInterval);
28       } else {
29         this.timerInterval = setInterval(() => {
30           this.time++;
31         }, 1000);
32       }
33       this.timerRunning = !this.timerRunning;
34     },
35     resetTimer() {
36       clearInterval(this.timerInterval);
37       this.time = 0;
38       this.timerRunning = false;
39     }
40   }
41 };
42 </script>
43
```

0:11

Pause

Reset

code > src > App.vue > {} "1" > script > data

```
1 <template>
2 <div>
3   <div v-for="(conversation, index) in conversations" :key="index" @click="selectConversation(index)">
4     <p>{{ conversation.name }}</p>
5     <p>{{ conversation.messages[conversation.messages.length - 1].text }}</p>
6   </div>
7   <div v-if="selectedConversation !== null">
8     <div v-for="message in selectedConversation.messages" :key="message.id">
9       <p>{{ message.sender }}: {{ message.text }}</p>
10    </div>
11    <input type="text" v-model="newMessage" @keyup.enter="sendMessage">
12  </div>
13 </template>
14
15 <script>
16 export default {
17   data() {
18     return {
19       conversations: [
20         {
21           name: 'Alice',
22           messages: [
23             { id: 1, sender: 'Alice', text: 'Hi there!' },
24             { id: 2, sender: 'You', text: 'Hello!' }
25           ]
26         },
27         {
28           name: 'Bob',
29           messages: [
30             { id: 1, sender: 'Bob', text: 'Hey!' },
31             { id: 2, sender: 'You', text: 'Hi!' }
32           ]
33         }
34       ],
35       selectedConversation: null,
36       newMessage: ''
37     };
38   },
39   methods: {
40     selectConversation(index) {
41       this.selectedConversation = this.conversations[index];
42     }
43   }
44 };
45
```

Alice

Hello!

Bob

mine was good

Bob: Hey!

You: Hi!

You: how was your day

You: mine was good