

22CS3042-WEB-TECHNOLOGY-ASSI

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```
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
```

```
code > src > App.vue > {} "1"
1 <template>
2   <div>
3     <p>{{ formattedTime }}</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       timerRunning: false,
14       time: 0,
15       formattedTime: ''
16     };
17   },
18   methods: {
19     toggleTimer() {
20       if (this.timerRunning) {
21         this.time -= 1;
22         this.formattedTime = this.formatTime();
23       } else {
24         this.time = 0;
25         this.formattedTime = this.formatTime();
26       }
27     },
28     resetTimer() {
29       this.time = 0;
30       this.formattedTime = this.formatTime();
31     },
32     formatTime() {
33       let minutes = Math.floor(this.time / 60);
34       let seconds = Math.floor(this.time % 60);
35       let formattedTime = `${minutes}:${seconds}`;
36       return formattedTime;
37     }
38   }
39 };
40 </script>
41
```