

# Week7

Screenshot:

Task1:

## Melbourne, Australia



30 eley glen waverley

```
1  [!DOCTYPE html]
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8">
5    <meta http-equiv="X-UA-Compatible" content="IE=edge">
6    <meta name="viewport" content="width=device-width, initial-scale=1.0">
7
8    <script src="https://unpkg.com/vue@next"></script>
9  </head>
10 <body>
11
12   <div id = "app">
13     <detail></detail>
14     
15     <br><address-detail></address-detail>
16
17   </div>
18
19
20
21
22   <script>
23
24     const app = Vue.createApp({});
25
26     app.component("detail",
27     {
28       template: '<h2>Melbourne, Australia</h2>'
29     })
30
31
32     app.component("address-detail",
33     {
34       template: '<h3> 30 eley glen waverley</h3>'
35     })
36
37
38     app.mount('#app')
39
40   </script>
41
42
43
44 </body>
45 </html>
```

---

# My home at Glen Waverley.

39 eley road

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8">
5    <meta http-equiv="X-UA-Compatible" content="IE=edge">
6    <meta name="viewport" content="width=device-width, initial-scale=1.0">
7    <title>Document</title>
8    <script src="https://unpkg.com/vue@next"></script>
9  </head>
10 <body>
11   <div id = "app">
12     <my-address></my-address>
13     <my-suburban></my-suburban>
14   </div>
15 </body>
16 <script>
17
18
19   const myAddress = {
20     template: '<h2>My home at Glen Waverley.</h2>'
21   }
22
23   const mySuburban = {
24     template: '<h3>39 eley road</h3>'
25   }
26
27
28
29
30   const app = Vue . createApp({
31     components:{
32       "my-address": myAddress,
33       "my-suburban":mySuburban
34     }
35   })
36   app.mount("#app")
37 </script>
38 </html>
```

Task2:

Welcome to my address page  
Australia  
39 eley  
burwood, Sydney

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <script src = "https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
8   <title>Document</title>
9 </head>
10 <body>
11   <div id = "app">
12     <my-address country= "Australia" address = "39 eley" suburb="burwood, Sydney" ></hello-world>
13   </div>
14   <script>
15     Vue.component('MyAddress', {
16       props:['country', 'address', 'suburb'],
17       data(){
18         return {
19           msg:'Welcome to my address page'
20         }
21       },
22       template: '<div>{{msg}}<br>{{country}}<br>{{address}}<br>{{suburb}}</div>'
23     });
24     const vm = new Vue({
25       el: '#app',
26       name: 'App',
27       data: {
28         name: 'Australia'
29       }
30     });
31   </script>
32 </body>
33 </html>
```

Task3:

4

2 2

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8   <script src="https://cdn.jsdelivr.net/npm/vue@2/dist/vue.js"></script>
9 </head>
10 <body>
11
12   <div id="example">
13     <parent></parent>
14   </div>
15   <script>
16     var childNode = {
17       template: `<button @click="incrementCounter">{{ counter }}</button>`,
18       data(){
19         return {
20           counter: 0
21         }
22       },
23       methods:{
24         incrementCounter(){
25           this.counter++;
26           this.$emit('increment');
27         }
28       }
29     }
30     var parentNode = {
31       template:
32       <div class="parent">
33         <p>{{total}}</p>
34         <child @increment="incrementTotal"></child>
35         <child @increment="incrementTotal"></child>
36       </div>
37       ,
38       components: {
39         'child': childNode
40       },
41       data(){
42         return {
43           'total':0
44         }
45       },
46       methods:{
47         incrementTotal(){
48           this.total++;

```

```

48           this.total++;
49         }
50       }
51     };
52
53     new Vue({
54       el: '#example',
55       components: {
56         'parent': parentNode
57       }
58     })
59   </script>
60 </body>
61 </html>

```

## Task4:



```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4    <meta charset="UTF-8">
5    <meta http-equiv="X-UA-Compatible" content="IE=edge">
6    <meta name="viewport" content="width=device-width, initial-scale=1.0">
7    <title>task4</title>
8    <link rel="stylesheet" href="4--1.css">
9
10   <script src="https://cdn.jsdelivr.net/npm/vue@2/dist/vue.js"></script>
11
12 </head>
13 <body class="background1">
14   <div id="app">
15     <section>
16       <br><br><br><br><br><br><br><br><br><br>
17       <div class="hero-body">
18         <div class="container">
19           <p class="address is-1">{{ address }}</p>
20           <p class="detail is-3">{{ detail }}</p>
21
22           <country-road>
23             <p slot="bottom">Melbourne, Australia</p>
24             <p>Burwood</p>
25             <p slot="top">39 eley road</p>
26           </country-road>
27
28           <country-road></country-road>
29         </div>
30       </div>
31     </section>
32   </div>
33
34   <script type="text/x-template" id="country-road">
35     <div>
36
37       <slot name="top">
38       </slot>
39
40       <slot>
41         <p>Thanks for you read!!</p>
42       </slot>
43
44       <slot name="bottom">
45       </slot>
46     </div>
47   </script>
```

```

48     <script>
49     Vue.component('country-road', {
50       template: '#country-road',
51       data() {
52         return {
53           countryAddress: 'address from country-road',
54           countrydetsil: 'detail from country-road'
55         }
56       },
57       props:{
58         detail: {
59           type: String,
60           required: true
61         }
62       }
63     })
64
65     new Vue ({
66       el: '#app',
67       data() {
68         return {
69           address: 'Home address',
70           detail: 'Welcome to my address page'
71         }
72       }
73     })
74   </script>
75 </body>
76 </html>

```

```

1  .background1{
2    background-image:url(https://www.rozsavage.com/wp-content/uploads/2016/02/49.jpg);
3    background-position: center;
4    background-attachment: fixed;
5    background-size: 100%;
6    background-repeat:initial;
7  }
8
9  body{
10   font-family:fantasy;
11   color:■rgb(110, 121, 14);
12   text-align:center ;
13   font-size-adjust:initial;
14
15 }

```

Reflection:

This week I learned how to use local and global registration. The so-called local registration means that Vue registers in the instance instead of globally. In the same way, locally registered components can only be used in the current Vue instance. On the contrary, global

components must be registered before the Vue instance and this component can be used in the Vue instance. I also learned how to communicate and transmit data between parent and child components through components. This transmission process is one-way, which can better help me transmit data effectively. I will also use custom events: it helps us bind events. Finally, I learned how to use slots reasonably. Reasonable use of slots will help us reuse components to the greatest extent. Through these 7 weeks of study, I deepened the application of webpage production. You can use vue components more proficiently to enrich your own web pages. Make my homework better.