

## Week4

Note:

Task1:

Learn to add links in HTML.

Task2:

Learn how to use V-if/else, V-show, V-for. Among them, V-if and V-else are used for looping and need to be used together. v-for renders the list, v-show displays the data.

Screenshot:

Task1

### Switch player world

The Switch provides a way for children and adults who have been confined to their homes by the outbreak to release their stress.

Mon Sep 06 2021 00:22:58 GMT+0800 (中国标准时间)



```

1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <script src="https://cdn.jsdelivr.net/npm/vue@2/dist/vue.js"></script>
5     <meta charset="UTF-8">
6     <meta name="Generator" content="EditPlus®">
7     <meta name="Author" content="">
8     <meta name="Keywords" content="">
9     <meta name="Description" content="">
10    <title>Show time </title>
11  </head>
12  <body>
13    <div id = "app">
14      <p v-html="topic">
15        {{topic}}
16      </p>
17      <p v-html="detail">
18        {{detail}}
19      </p>
20      <p v-html="date">
21        {{date}}
22      </p>
23      <img v-img = "img" src = "https://cdn.vox-cdn.com/thumbor/_cvsRoHeY-va7nMpM82mLPazH7o-/0x0:2160x1440/120
24    </div>
25  </body>
26  <script src= "../week4.js"></script>
27</html>

```

```

1 var app = new Vue
2 ({
3   el:"#app",
4   data:
5   {
6     topic:"ch1>Switch player worldch1",
7     detail:"ch4>he Switch provides a way for children and adults who have been confined to their homes by the outbreak to release their stress.ch4>",
8     htmlImage:"",
9     date:new Date(),
10    mounted:function()
11    {
12      var this = this;
13      this.timer = setInterval(function()
14      {
15        _this.date = new Date();
16        },1000);
17      },
18      beforeDestroy:function()
19      {
20        if(this.timer)
21        {
22          clearInterval(this.timer);
23        }
24      },
25    }
26  })

```

## Task2

V-for:

- 1=0
- 2=1
- 3=2
- 4=3
- 5=4
- 1=id
- Laptop=name
- 1000=price

id	name	price
1	Laptop	1000
2	Phone	2000
3	mp3	100

```

6      <script src="https://cdn.bootcss.com/vue/2.6.11/vue.js"></script>
7    </head>
8    <body>
9      <div id="app">
10        <ul>
11          <li v-for="(item,index) in c">{{item}}={{index}}</li>
12        </ul>
13        <ul>
14          <li v-for="(key,value) in product">{{key}}-{{value}}</li>
15        </ul>
16        <table border="1">
17          <tr>
18            <td>id</td>
19            <td>name</td>
20            <td>price</td>
21          </tr>
22          <tr v-for="(product,index) in products">
23            <td>{{product.id}}</td>
24            <td>{{product.name}}</td>
25            <td>{{product.price}}</td>
26          </tr>
27        </table>
28      </div>
29    </body>
30  </html>
31
32  <script type="application/javascript">
33    new Vue({
34      el:"#app",
35      data:{
36        c:[1,2,3,4,5],
37        product:{
38          id:1,
39          name:"Laptop",
40          price:1000
41        },
42        products:[
43          {id:1,name:"Laptop",price:1000},
44          {id:2,name:"Phone",price:2000},
45          {id:3,name:"mp3",price:100}
46        ]
47      },
48      methods:{
49      }
50    })
51  </script>
52
53 </html>
54

```

V-if & else:

You pass

```

1  <!DOCTYPE html>
2  <html lang="en">
3    <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
7      <title>v-if&v-else</title>
8    </head>
9    <body>
10     <div id="exam_test">
11       <div v-if="score<60">You fail</div>
12       <div v-else="score>=60">You pass</div>
13     </div>
14   </body>
15
16
17
18   <script src = ".\v-if_else.js"></script>
19 </html>
20
21

```

```

1 |
2 const app = new Vue
3 ({
4   el:"#exam_test",
5   data:{
6     score:60,
7   }
8 })
9

```

V-show:

**Hello!**

**If 10 bigger than 5, show !**

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <title>v-show</title>
6 <script src="https://cdn.bootcss.com/vue/2.2.2/vue.min.js"></script>
7 </head>
8 <body>
9 <div id="app">
10   <h1 v-show="ok">Hello!</h1>
11   <h1 v-show="error">false!</h1>
12   <h1 v-show="10>5">If 10 bigger than 5, show !</h1>
13   <h1 v-show="2>10">If not bigger than 10, not show !</h1>
14 </div>
15
16 <script>
17 new Vue({
18   el: '#app',
19   data: {
20     ok: true,
21     error: false
22   }
23 })
24 </script>
25 </body>
26 </html>
27

```

Reflection:

This week I learned how to build a perfect web page using HTML, JS, and Vue. I used V-show and other components. Make web pages more interesting. And I will use this week's knowledge to improve my Assignment1 and make it more substantial and complete. For this week's study, I spent about 3 hours. Although this time is not very long, it is very

important to me. Let me have a deeper understanding of the usefulness of vue components. For next week, I need to work harder to finish.