

Week6

Screenshot:

Task1:

SIT120 week6 task1

Form User

Name:

PassWord:

Email:

```
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  </head>
9  <body>
10   <h1>
11     SIT120 week6 task1
12   </h1>
13   <br>
14   <fieldset>
15     <h2>Form User</h2>
16
17     <div id="name">
18       <label>Name:</label>
19       <br>
20       <input type="text" v-model="name_1">
21     </div>
22
23     <div id="PassWord">
24       <label>PassWord:</label>
25       <br>
26       <input type="password" v-model="PassWord_1">
27     </div>
28
29     <div id="Email">
30       <label>Email:</label>
31       <br>
32       <input type="text" v-model="Email_1">
33     </div>
34   </fieldset>
35 </body>
36
37 <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
38
39 <script>
40   new Vue({
```

```

48     el: "#name",
49     data(){
50         return{
51             name_1: ""
52         }
53     }
54 })
55
56 new Vue({
57     el: "#PassWord",
58     data(){
59         return{
60             PassWord_1: ""
61         }
62     }
63 })
64
65 new Vue({
66     el: "#Email",
67     data(){
68         return{
69             Email_1: ""
70         }
71     }
72 })
73
74 </script>
75
76 </html>

```

Task2:

SIT120 Task2

☐ Simon ☐ Amy ☐ Johnson ☐ all

Checked names: []

```

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   <link rel="stylesheet" href="CSS.css">
9 </head>
10 <body>
11   <h1>SIIT120 Task2</h1>
12   <fieldset>
13     <div id="v-model-multiple-checkboxes" class="demo">
14       <input type="checkbox" id="simon" value="Simon" v-model="checkedNames" @change="checkOne"/>
15       <label for="simon">Simon</label>
16       <input type="checkbox" id="amy" value="Amy" v-model="checkedNames" @change="checkOne"/>
17       <label for="amy">Amy</label>
18       <input type="checkbox" id="johnson" value="Johnson" v-model="checkedNames" @change="checkOne"/>
19       <label for="johnson">Johnson</label>
20       <input type="checkbox" id="all" value="all" v-model="isChecked" @change="checkAll" />
21       <label for="all">all</label>
22       <br />
23       <p>Checked names: {{checkedNames}}</p>
24     </div>
25   </fieldset>
26 </body>
27 <script src="https://unpkg.com/vue@next"></script>
28 <script>
29   Vue.createApp({
30     data() {
31       return {
32         isChecked:false,
33         checkedNames: []
34       }
35     },
36     methods:{
37       checkOne(){
38         this.isChecked=this.checkedNames.length===3;
39       },
40       checkAll(){
41         this.checkedNames=this.isChecked?["Simon","Amy","Johnson"]:[];
42       }
43     }
44   }).mount('#v-model-multiple-checkboxes')
45 </script>
46 </html>

```

Task3:

SIT120 Task3

☐panda☐tiger

```
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  </head>
9  <body>
10   <h1>SIT120 Task3</h1>
11   <div id="app">
12     <input type="button" value="add" @click="add">
13     <input type="button" value="delete" @click="remove">
14     <h2 v-for="item in animals" v-bind:title="item.name">
15       <input type="checkbox">{{item.name}}
16     </h2>
17   </div>
18 </body>
19 </html>
20 <script src="https://cdn.jsdelivr.net/npm/vue/dist/vue.js"></script>
21 <script>
22   var app = new Vue({
23     el: "#app",
24     data: {
25       animals: [
26         {name: "panda"},
27         {name: "tiger"},
28       ]
29     },
30     methods: {
31       add: function() {
32         this.animals.push({name: "panda"});
33       },
34       remove: function() {
35         this.animals.shift();
36       }
37     }
38   })
39 </script>
40 </html>
```

Task4:

SIT120 week6 task4 number

belong string

```
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  </head>
9  <body>
10   <h1>SIT120 week6 task4 number</h1>
11   <br>
12   <fieldset>
13     <div id="app">
14       <input type="text" v-model.number="message">
15       <p><span>{{message}} belong {{typeof(message)}}</span></p>
16     </div>
17   </fieldset>
18 </body>
19 <script src="https://cdn.jsdelivr.net/vue/latest/vue.js"></script>
20 <script>
21   new Vue({
22     el:"#app",
23     data:{
24       message:'',
25     }
26   })
27
28
29 </script>
30 </html>
```

SIT120 week6 task4 lazy

abc

```

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  </head>
9  <body>
10     <h1>SIT120 week6 task4 lazy</h1>
11     <br>
12     <fieldset>
13         <div id="app">
14             <input v-model.lazy="message">
15             <p><span>{{message}}</span></p>
16         </div>
17     </fieldset>
18 </body>
19 <script src="https://cdn.jsdelivr.net/vue/latest/vue.js"></script>
20 <script>
21 new Vue({
22     el: "#app",
23     data: {
24         message: 'abc',
25     }
26 })
27
28
29 </script>
30 </html>

```

SIT120 week6 task4 trim

```

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  </head>
9  <body>
10   <h1>SIT120 week6 task4 trim</h1>
11   <br>
12   <fieldset>
13     <div id="app">
14       <input v-model.trim="message">
15       <p><span>{{message}}</span></p>
16     </div>
17   </fieldset>
18
19 </body>
20 <script src="https://cdn.jsdelivr.net/vue/latest/vue.js"></script>
21 <script>
22   new Vue({
23     el:"#app",
24     data:{
25       message:'',
26     }
27   })
28
29
30 </script>
31 </html>

```

Reflection:

This week I used different Vue elements to bring about different changes. And I know that changing the input text to input password can keep the user's information confidential. And use the vue element to help me write web pages in a more concise way. Use v to represent custom elements. It is worth mentioning that you can break the two-way binding of the v model by adding lazy elements, trim to identify data types, and remove Spaces on the left and right sides of data. V-model.Number=()type=() can help I show what type of input element is. In general, this week's study has given me a deeper understanding of

VUE components. I will use them in future web design to make my pages more practical. And it took me longer than last week to get this task. Next week is the last week, and I still need to continue to work hard to do better.