

LU05.S14 - v-show and v-if combined

Hints

- Download the file and copy the content into the code area of the W3School on the left hand side of the coding window.
- You can execute the code by pressing the *run* button
- The result will be presented in the right hand side of the window.

Codesolution of v-show simple

The screenshot shows the W3Schools Vue.js editor interface. On the left, a sidebar lists files: LU05.s13.html, LU05.s14.html (selected), LU05s02.html, LU05s03.html, LU05s04.html, LU05s05.html, LU05s06.html, and lu05s07.html. The main code editor contains the following code:

```

24 <div>
25   <p v-show="showText">This div tag can be hidden<br/>
26   <p v-if="showImg">The Image can likewise be hidden</p>
27 </div>
28
29 <script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>
30 const app = Vue.createApp({
31   data() {
32     return {
33       showText: true,
34       showImg: true
35     }
36   }
37   <!-- here are 4 options possible -->
38   <!-- 1. showText: true, showImg: true -->
39   <!-- 2. showText: true, showImg: false -->
40   <!-- 3. showText: false, showImg: true -->
41   <!-- 4. showText: false, showImg: false -->
42 }
43
44 
```

The code uses `v-show` and `v-if` directives to control the visibility of elements. The browser's developer tools are open on the right, showing the DOM structure and inspecting the `showDiv` data property. A red circle highlights the `v-show` and `v-if` sections in the code editor, and another red circle highlights the `showDiv` property in the developer tools.

Example: v-show Visibility of Div Element

Find the 'showDiv' data property in the code, change it to 'false', and run the code again.

While v-show hides the text, the v-if destroys the resources in the html-dom



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