

LU05.S08 - v-if with numbers instead of bool

Sourcecode of the solution

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Assignment

The first assignment checked by using v-if whether a certain variable was checked or not (true/false). Now, we want to go one step further and check not only whether it is true or false, but moreover which value it contains. By this, we would be able to tell the customer of how many typewriters we have in stock, which may be of some benefit for the customer as well as for us.

1. Change the value of the variable *typewriter* to 0 und execute the script.
2. Note your realisations as a html-comment.
3. Change the content of the variable *typeWriter* to -1.
4. What happens, if the value *typeWiter* has no value at all respectively is empty?
5. Note your realisations as a js-comment or html-comment.
6. Save your script accordingly, whether in your W3School workspace or on you local computer in your code-editor Webstorm.

The screenshot shows a web browser window with a code editor on the left and a rendered page on the right. The code editor displays the following HTML and JavaScript code:

```
22 | Die erlaubt es uns unsere Check genauer zu gestalten -->
23 |
24 | <div id="app">
25 |   <p v-if="typewriterCount>0">
26 |     <!-- Wenn der Counter kleiner 0 ist, gibt es nichts mehr auf Lager -->
27 |     in stock
28 |   </p>
29 |   <!-- Wenn der Counter kleiner grösser 0 ist, gibt es Lagerbestände -->
30 |   <p v-else>
31 |     not in stock
32 |   </p>
33 |   <!-- Wenn die Variable nicht gesetzt ist, ist vue aufgeschmissen
34 |   Es werden alle <p> nach html-standards nacheinander abgearbeitet -->
35 | </div>
36 |
37 | <script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>
38 | <script>
39 |   const app = Vue.createApp({
40 |     data() {
41 |       return {
42 |         // Testwerte
43 |         typewriterCount: -1
44 |         // 0 = false
45 |         // 1 = true
46 |         // -1 = true
47 |         // -100 = true
48 |         // if there is no number stored in the variable the both messages are shown
49 |         // conclusion: 0 is similar to false
50 |         // any other number is similar to true
51 |       }
52 |     }
53 |   })
54 |   app.mount('#app')
```

The rendered page on the right shows the title "Example with 'v-if' and 'v-else'" and a green box containing the text "not in stock". A note above the box says "Try changing the 'typewriterCount' value in the Vue instance to '0' and run the code again."

The screenshot shows a web browser window with a code editor on the left and a rendered page on the right. The code editor contains the following HTML and JavaScript code:

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49 |       // conclusion: 0 is similar to false
50 |       // any other number is similar to true
51 |     }
52 |   }
53 | })
54 | app.mount('#app')
55 | /script>
```

The rendered page on the right has the title "Example with 'v-if' and 'v-else'" and a sub-header "Try changing the 'typewriterCount' value in the Vue instance to '0' and run the code again." Below this, a green box contains the text "not in stock".

Vocabulary

English	German
...	...



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