

LU05.S10 - v-if and functions

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.

Assignment 1

As we are now capable to use *v-if* with logical values (true/false), and furthermore check actual values e.g. numbers, this assignment is about how to check *string-values* (words). For this we are going to use the function *text.includes()* within the *v-if*.

1. Execute the script. As you can see the content of the variable *text* is displayed on the screen as *text* contains the search-string *Pizza* with a capital *P*.
2. Now delete the word *Pizza* from the variable *text* in the script-area. Execute your script again.
3. Note your realisations as a comment.
4. Save your script accordingly, whether in your W3School workspace or locally in your Webstorm code-editor

Assignment 2

In the *if* paragraph there is a image of a pizza displayed as well.

1. Add a section *v-else* with a according *img-tag* which shows a different image than a pizza.
2. Note your realisations as a code-comment.
3. Save your script accordingly, whether in your W3School workspace or locally in your Webstorm code-editor

Solution

[Source-code of the solution](#)

```
<html>
<head>
  <title>'v-if' pizza example</title>
  <style>
    #app {
      border: dashed black 1px;
      width: 130px;
      padding: 0 20px 20px 20px;
      font-weight: bold;
      background-color: lightgreen;
    }
    img {
      width: 100%;
    }
  </style>
</head>
<body>

<h1>Example with text check</h1>

<p>In this example 'v-if' uses a method 'includes()' instead of a comparison operator.</p>
<p>Remove 'pizza' from the 'text' property inside the Vue instance, click 'Run' and see what happens.</p>

<div id="app">
  <div v-if="text.includes('pizza')">
    <p>The text includes the word 'pizza'</p>
    
  </div>
  <p v-else>The word 'pizza' is not found in the text
  
  </p>
</div>

<script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>

<script>
const app = Vue.createApp({
  data() {
    return {
      text: 'I like taco , , Thai beef , Pizza, salad, pho soup and tagine.'
    }
  }
})
app.mount('#app')
```

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