

LU05.S12 - v-show simple applied to texts

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

Using the v-show directive by manipulate the value of the showDiv.

Codesolution of v-show simple

The screenshot shows a code editor on the left and browser developer tools on the right. The code editor contains the following code:

```

<head>
  <title>v-show</title>
  <style>
    <style>
      border: 1px dashed black;
      width: 200px;
      padding: 5px 20px 20px;
    }
    <div id="app">
      <div style="padding: 20px; background-color: lightgreen; font-weight: bold;">
      </div>
    </div>
  </style>
</head>
<body>
  <div id="app">
    <div v-show="showDiv">This div tag can be hidden</div>
  </div>
  <script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>
  <script>
    const app = Vue.createApp({
      data() {
        return {
          showDiv: 0
        }
      },
      // true: The text is visible and part of the HTML-DOM, as displayed in the browser.
      // false: The text is not destroyed, but only invisible,
      //        hidden within HTML-DOM, and therefore not displayed in the browser -->
      // 0: is equals false. Text is not destroyed, only invisible but still in the HTML-DOM.
      // -1, 1, 2: is equals true. Text is not destroyed, only invisible but still in the HTML-DOM.
    })
    app.mount('#app')
  </script>
  
```

The browser developer tools on the right show the DOM tree with the following structure:

```

<html>
  <head>
  </head>
  <body contenteditable="false">
    <h1>Example: v-show Visibility of Div Element</h1>
    <div id="app" data-v-app">
      <p></p>
      <div style="display: none;">This div tag can be hidden</div>
    </div>
    <script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>
  </body>
  
```

The 'Styles' panel shows the computed style for the selected element: `display: none;`



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