

LU06.S01 - Events

Sourcecode of the solution

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Assignment 1

1. Test the code example provided to you. Describe the behaviour of the script using HTML comments.
2. Which 3 lines of code are the core for incrementing the counter? Identify these and comment on them in a meaningful way.
3. Change the increment of the counter to 2, i.e. it should count up in steps of 2.

Your solution is supposed to look like the following image:

```

<!DOCTYPE html>
<html>
<head>
  <title>Count Moose</title>
  <style>
    #app {
      border: dashed black 1px;
      width: 200px;
      padding: 20px;
    }
    img {
      width: 80%;
      height: 80%;
    }
  </style>
</head>
<body>

  <!-- 1: Beschreibung: Das Programm inkrementiert einen Counter by 1 beim Klicken
  eines Buttons -->

  <h1>LU01.A01 - Example: Count Moose</h1>

  <div id="app">
    
    <p>{{ "Moose count: " + count }}</p>
    <!-- 2: Hier wird der Mousecount angezeigt -->

    <button v-on:click="count+=2">Count moose</button>
    <!-- 3: Beim Klicken des Buttons wird die vue-variable
    count zwei hochgezählt, durch den ++Operator -->

  </div>

  <script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>
  <script>
    const app = Vue.createApp({
      data() {
        return {
          count: 0
          // Die vue-variable count wird angelegt
          // und mit 0 initialisiert (startwert)
        }
      }
    })
    app.mount('#app')
  </script>

```

LU01.A01 - Example: Count Moose

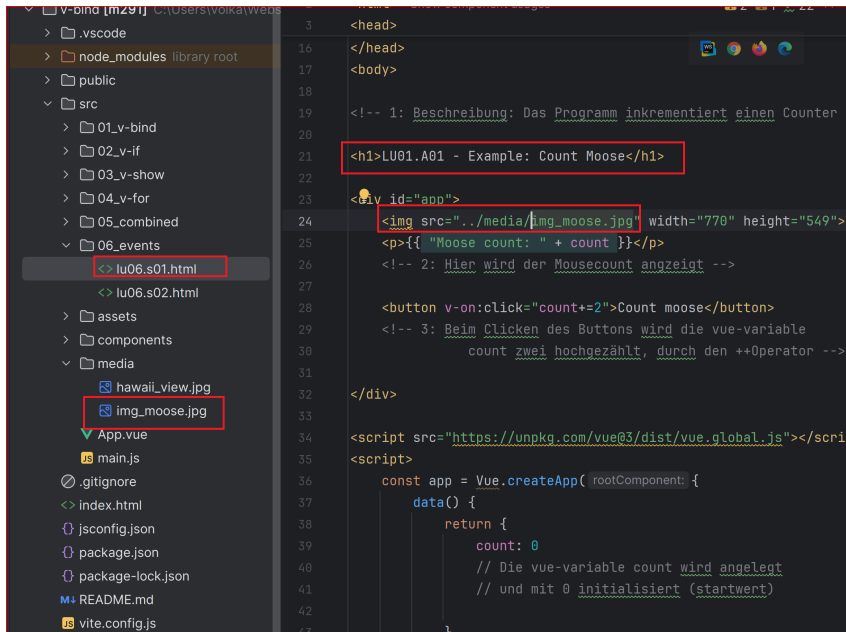


Assignment 2

1. Establish in your webstorm-editor a new directory and name it **06_events**. Save the script in this directory.
2. To make sure, that the moose is visible as well, save the image of the image in the media-

directory in webstorm

3. Adjust in your script the path to the moose-image in order to make it visible again.



The screenshot shows a VS Code editor with a Vue.js project. The file explorer on the left shows the project structure, with `lu06.s01.html` and `img_moose.jpg` highlighted in red. The main editor shows the following code:

```
3 <head>
16 </head>
17 <body>
18
19 <!-- 1: Beschreibung: Das Programm inkrementiert einen Counter by
20
21 <h1>LU01.A01 - Example: Count Moose</h1>
22
23 <div id="app">
24   
25   <p>{{ "Moose count: " + count }}</p>
26   <!-- 2: Hier wird der Mousecount angezeigt -->
27
28   <button v-on:click="count+=2">Count moose</button>
29   <!-- 3: Beim Klicken des Buttons wird die vue-variable
30     count zwei hochgezählt, durch den ++Operator -->
31
32 </div>
33
34 <script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>
35 <script>
36   const app = Vue.createApp({ rootComponent: {
37     data() {
38       return {
39         count: 0
40         // Die vue-variable count wird angelegt
41         // und mit 0 initialisiert (startwert)
42       }
43     }
44   })
45   app.mount('#app')
```

On the right, a preview window titled "LU01.A01 - Example: Count Moose" shows a moose image, the text "Moose count: 0", and a "Count moose" button.

Vocabulary

English	German
...	...



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