

LU05.S11 - v-if, v-else ... combined with AND/OR operators

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: only age

Solution with only the age part

```
<!DOCTYPE html>
<html>
<head>
  <title>My First Vue page</title>
  <style>
    #app {
      border: dashed black 1px;
      width: 130px;
      padding-left: 20px;
      font-weight: bold;
      background-color: lightgreen;
    }
  </style>
</head>
<body>

<h1>Example with 'v-if', 'v-else-if' and 'v-else'</h1>
<p>We are trying to apply the AND-Operator &&</p>
<h2>cinema allowance</h2>

<div id="app">
  <p v-if="ageCheck<12"> Keine Kino</p>
  <p v-else-if="ageCheck>=12 && ageCheck<16">
    Nur bis 18 Uhr
  </p>
  <p v-else-if="ageCheck>=16">
    Viel Spass im Kino
  </p>
</div>

<script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>
<script>
  const app = Vue.createApp({
    data() {
      return {
        ageCheck: 15
      }
    }
  })
  app.mount('#app')
</script>
</body>
</html>
```

Example with 'v-if', 'v-else-if' and 'v-else'

We are trying to apply the AND-Operator &&

cinema allowance

Nur bis 18 Uhr

Assignment: logical operators

Solution with only the age part AND the logical operators

The screenshot shows a code editor with a toolbar at the top. The code is a Vue.js component with template and script sections. The template section contains logic using v-if, v-else-if, and v-else directives. The script section defines a data object with age and hasAdult properties. A red oval highlights the first v-else-if condition, and another red oval highlights the data object's properties.

```
</style>
</head>
<body>

<h1>Example with 'v-if', 'v-else-if' and 'v-else'</h1>
<p>Cinema allowance regarding age and company by an adult</p>

<div id="app">
  <p v-if="age < 12 && hasAdult === false">
    As you are under 12, without adult company, you may not go to the cinema.
  </p>
  <p v-else-if="age < 12 && hasAdult === true">
    As you are under 12, but have an adult company, you may go to the cinema up to 6 o'clock pm.
  </p>
  <p v-else-if="age >= 12 && age <= 16 && hasAdult === false">
    You are between 12 and 16, without an adult you may go to the cinema up to 6 o'clock pm.
  </p>
  <p v-else-if="age >= 12 && age <= 16 && hasAdult === true">
    You are between 12 and 16, but have an adult and therefore you may go to the cinema without time restrictions.
  </p>
  <p v-else>
    You are allowed to go to the cinema.
  </p>
</div>

<script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>
<script>
const app = Vue.createApp({
  data() {
    return {
      age: 15,
      hasAdult: true
    };
  }
});
</script>
```

Example with 'v-if', 'v-else-if' and 'v-else'

Cinema allowance regarding age and company by an adult

You are between 12 and 16, but have an adult and therefore you may go to the cinema without time restrictions.



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