

LU05.S02 - VUE Directives warm up

ZipFile with the HtML code-solution

Hints

- You can 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.

Assignments

1. box-colour change

1. Test the given script
2. Create a new CSS-Class **blueBG** in analogy to **pinkBG**. Make sure to belabour the DIVs within the script part as well.
3. Execute your script by clicking the *run-Button*.
4. Toggle for testing purpose within your VUE-APP (in the script part) between the blue and pink.

2. extended CSS

1. create another css-class *.extended*
2. redefine the `bgColor`
3. add additional values for color, font-size, font-family, ...
4. Bind this new css-class *.extended* into the HTML-Dom (script-part)
5. Execute your script by having it *run*.

3. Save the results

1. Comment your results as you find fit within the html-comment area
2. Save your solution within W3-Save-Area.
 - Therefore you might need a W3-School-Account.
 - Be advised to name your script accordingly, i.e. *lu.s02*. This will be helpful while preparing for the exams.

Solutions

Your result is supposed to look like displayed in the following image:

```
<!DOCTYPE html>
<html>
<head>
<title>My first Vue page</title>
<style>
div {
  margin: 10px;
  padding: 10px;
  border: solid black 1px;
  display: inline-block;
}

.pinkBG{
  background-color: lightpink;
}

.blueBG{
  background-color: lightblue;
}

.extended{
  background-color: lightblue;
  color:#FF9900; /* Farbe orange */
  font-size:28pt; /* Größe 28pt */
  font-family:arial;
}
</style>
</head>
<body>

<h1>'v-bind' Example</h1>
<p>The browser finds the class name inside the Vue instance.</p>
<div id="app">
  <!--The browser finds the class name inside the Vue instance with id="app" can use data from the Vue instance.<br/>
  <div v-bind:class="vueClass">The element is bound to the "pinkBG" class.</div>
</div>
<script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>
<script>
const app = Vue.createApp({
  data() {
    return {
      vueClass: "extended"
    }
  }
})
app.mount('#app')
</script>
```

'v-bind' Example

The browser finds the class name inside the Vue instance.
Everything inside the div element with id="app" can use data from the Vue instance.

This element is bound to the "pinkBG" class.



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Last update: **2025/03/28 09:37**

