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. redifine 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 you 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:#FF9F00;   /* 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>

<div2 id="app">
  <p>Everything inside the div emelent with id="app" can use data from the Vue instance.</p>
  <div v-bind:class="vueClass">This element is bound to the "pinkBG" class.</div>
</div2>
<script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>

<script>
  const app = Vue.createApp({
    data() {
      return{
        vueClass: "extended"
      }
    }
  }
```

'v-bind' Example

The browser finds the class name inside the Vue instance.

Everything inside the div emelent with id="app" can use data from the Vue instance.

This element is bound to the "pinkBG" class.

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