

LU05.S17 - v-for with 2-dimensional arrays and v-if

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

After successfully being able to manage 2-dimensional-arrays with the v-for directive, it is time to take next challenge: the combined usage of v-for and v-if.

Though the assignment is to display the pictures only, when they are liked. For that we need to check the status, if they are **OK** we display the image of the dish, if they are **NOK** we simply give out the name and the status of the dish, but no image of it.

1. Take your result from the previous assignment and save it **lu05.s17.html**
2. Add a `<div>`-tag just before the `` for the **v-if**. Make shure that the image-tag is within the if-statement.
 1. The output is in that case of **OK**: *I like ...*
 2. close the div
3. Execute your script. If everything was done properly you will receive a message what you like, in red letters AND the image of the dish.
4. Add a second `<div>` for the **v-else**
 1. The output is in that case of **OK**: *I don't like*
 2. In that case there is no image to display!!!
 3. close the div
5. Execute your script. If everything was done properly you will receive a message what you don't like, in green letters, but without the image of it.

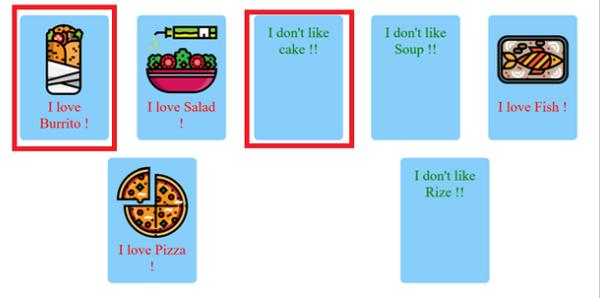
Source code

Source code of the solution

```
<div>  
  <figure v-for="x in manyFoods">  
    <div v-if="x.comm === 'OK'">  
        
      <figcaption align="middle" style="color:red;" I love {{x.name }} ! </figcaption>  
    </div>  
    <div v-else>  
      <figcaption align="middle" style="color:green;" I don't like {{x.name }} !! </figcaption>  
    </div>  
  </figure>  
</div>  
|  
</div>  
  
<script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>  
  
<script>  
const app = Vue.createApp({  
  data() {  
    return {  
      // the array manyFoods was extended by a new column "comm"  
      // the column-name was change to "img"  
      manyFoods: [  
        {img: 'img_burrito.svg', name: 'Burrito', comm: 'OK'},  
        {img: 'img_salad.svg', name: 'Salad', comm: 'OK'},  
        {img: 'img_cake.svg', name: 'cake', comm: 'NOK'},  
        {img: 'img_soup.svg', name: 'Soup', comm: 'NOK'},  
        {img: 'img_fish.svg', name: 'Fish', comm: 'OK'},  
        {img: 'img_pizza.svg', name: 'Pizza', comm: 'OK'},  
        {img: 'img_rice.svg', name: 'Rize', comm: 'NOK'}  
      ]  
    }  
  }  
</script>
```

Example 'v-for' to create images and text

The 'v-for' directive is used to create images and text based on the 'manyFoods' array in the Vue instance.



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