

# LU05.S15 - v-for list rendering

## 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

Data is often available as lists/arrays (concatenation of persons, for example). Previously, we prepared these lists in JavaScript using a loop and passed them to HTML for display. With v-for, we can now use the loop directly in JS, which makes things a lot easier.

1. Click on the provided link above and it with the appropriate name in your W3School workspace.
2. Execute it with **Run**. You will see that the array data in the script part is now displayed numbered in the browser.
3. Add 3-4 more entries to your food list, at the beginning, the middle part, and the end.
4. Change the `<ol>`-tag to `<ul>`-tag.
5. Note down your observation as code comments and save your work.

## Solution

Source code of the solution

The screenshot shows a coding editor with the following content:

```
<title>My first Vue page</title>
<style>
#app > div {
  border: solid black 1px;
  width: 80%;
  padding: 10px;
  display: flex;
  flex-wrap: wrap;
}
img {
  width: 70px;
  margin: 10px;
}
</style>
/head>
body>

h1>Example: 'v-for' to create li-tags</h1>
p>In this example 'v-for' creates an 'li' tag with the food name for each food item in the Vue instance array.</p>
div id="app">
<ul v-for="x in manyFoods">
</ul>
</div>

script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>
script>
const app = Vue.createApp({
  data() {
    return {
      manyFoods: ['Kebab', 'Burrito', 'Salad', 'Cake', 'Achai', 'Soup', 'Fish', 'Pizza', 'Rice', 'Mongolian Barbaque']
    }
  }
})
app.mount('#app')
```

On the right side, the rendered output is shown under the heading "Example: 'v-for' to create li-tags". It displays a bulleted list of the food items: Kebab, Burrito, Salad, Cake, Achai, Soup, Fish, Pizza, Rice, and Mongolian Barbaque.



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