

# 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

```
<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>
    <li v-for="x in manyFoods">{{ x }}</li>
  </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')
```

### Example: 'v-for' to create li-tags

In this example 'v-for' creates an 'li' tag with the food name for each food item in the Vue instance array.

- Kebab
- Burrito
- Salad
- Cake
- Achai
- Soup
- Fish
- Pizza
- Rice
- Mongolian Barbaque



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Last update: **2025/03/28 11:39**

