

# LU07b - Methods with arguments

## Learning objectives

1. Write own parameterised methods.
2. Make use of methods which expects parameters.

## Source

[W3Schools | Methods - Chapter: Passing arguments](#)

## Introduction to Vue Methods

This lesson is about writing and using methods which can process parameters. These parameters are called **arguments of a method**. Parametrised methods enable web-application to behave more dynamic and user-friendly.

## Example 1: Method with one parameter

The following example calls a method when pushing a button. This event passes a message to be displayed as an argument to the method.

```
<template>
```

```
<div>
  <button @click="sayHello('Alice')">Greet Alice</button>
</div>
</template>
```

```
<script>
export default {
  methods: {
    sayHello(name) {
      alert(`Hello, ${name}!`);
    }
  }
}
</script>
```

## Example 2: Multiple parameters

This method-example has two arguments, and is supposed to calculate the sum of two numbers. The result will be displayed in a alert-box.

```
<template>
  <div>
    <button @click="addNumbers(5, 3)">Add 5 + 3</button>
  </div>
</template>
```

```
<script>
  export default {
    methods: {
      addNumbers(a, b) {
        alert(`The sum is ${a + b}`);
      }
    }
  }
</script>
```

## Vocabulary

English	German
...	...
...	...
...	...



Volkan Demir

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