

# LU06.S02 - Events - increment and decrement

## Source-code of the solution

:en:modul:m291:learningunits:lu06:loesungen:lu06.s02.zip | Solution of the assignment} }

## Assignments

1. Test the code example provided to you. Describe the behaviour of the script using HTML comments.
2. Make sure that you have the title <h1> correctly named: **lu06.s02.html**
3. Change the caption of the *Moose-Button* to **+ 1 Moose** .
4. Similiarly to the *Moose-Button* add another button **-1 Moose** which counts down.
5. Add another 2 buttons **+5 Moose** and **-5 Moose** which count up respectively down by **step-size 5**
6. Add another 2 buttons **+10 Moose** and **-10 Moose** which count up respectively down by **step-size 10**
7. Add another button **Reset** which resets the **counter to 0**.
8. Save your script in webstorm in the directory **06\_events** and adjust the path to the image.
9. Test your script for correctness

```
<!DOCTYPE html>
<html>
<head>
    <title>Count Moose</title>
    <style>
        #app {
            border: dashed black 1px;
            width: 400px;
            padding: 20px;
        }
        img {
            width: 100%;
        }
    </style>
</head>
<body>

<h1>Lu06.A02: Moose Management Count</h1>

<div id="app">

    <!-- Increment/decrement with step size 1 -->
    <p>
        
        <button v-on:click="count++>+1 Moose</button> &ampnbsp;
        <button v-on:click="count-->-1 moose</button> &ampnbsp;
    </p>

    <p>
        <!-- Increment/decrement with step size 5 -->
        <button v-on:click="count+=5">+5 Moose </button> &ampnbsp;
        <button v-on:click="count-=5">-5 Moose </button> &ampnbsp;
    </p>

    <!-- Increment/decrement with step size 10 -->
    <p>
        <button v-on:click="count+=10">+10 Moose </button> &ampnbsp;
        <button v-on:click="count-=10">-10 Moose </button> &ampnbsp;
    </p>

    <!-- Reset-Button -->
    <p>
        <button v-on:click="count=0">Reset </button> &ampnbsp;
    </p>

    <p>{{ "Moose count: " + count }}</p>
</div>

<script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>
<script>
    const app = Vue.createApp({
        data() {
            return {
                count: 0
            }
        }
    })
    app.mount('#app')
</script>
```

## Lu06.A02: Moose Management Count



+1 Moose	-1 moose
+5 Moose	-5 Moose
+10 Moose	-10 Moose
Reset	

Moose count: -15

.vscode  
node\_modules library root  
public  
src  
01\_v-bind  
02\_v-if  
03\_v-show  
04\_v-for  
05\_combined  
06\_events  
lu06.s01.html  
lu06.s02.html  
assets  
components  
media  
hawaii\_view.jpg  
img\_moose.jpg  
App.vue  
main.js  
.gitignore  
index.html  
jsonconfig.json  
package.json  
package-lock.json

```
</head>
<body>
    <h1>Lu06.A02: Count Moose Management</h1>

    <div id="app">

        <!-- Increment/decrement with step size 1 -->
        <p>
            
            <button v-on:click="count++>+1 Moose</button> &ampnbsp;
            <button v-on:click="count-->-1 moose</button> &ampnbsp;
        </p>

        <p>
            <!-- Increment/decrement with step size 5 -->
            <button v-on:click="count+=5">+5 Moose </button> &ampnbsp;
            <button v-on:click="count-=5">-5 Moose </button> &ampnbsp;
        </p>

        <!-- Increment/decrement with step size 10 -->
        <p>
            <button v-on:click="count+=10">+10 Moose </button> &ampnbsp;
            <button v-on:click="count-=10">-10 Moose </button> &ampnbsp;
        </p>
    </div>
```

## Lu06.A02: Count Moose Management



+1 Moose	-1 moose
+5 Moose	-5 Moose
+10 Moose	-10 Moose
Reset	

Moose count: 0

# Vocabulary

English	German
step-size	Schrittweite



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