

# LU07.A02 - Events - Moose-count

## Prerequisites

- Work type: Individual
- Means of aid: only teaching materials, no websearch, no use of ai.
- Timeframe: 25 Minutes
- Expected result: A Vue-Script, which uses methods to display messages on the screen and increments and decrements a counter.

## Learning Objectives

1. Implementing VUE methods by using arguments.
2. Increment and decrement a counter within a method.
3. Writing own methods and making use of them.

## Source

- [Code-example: Methods in VUE](#)

## Assignment A - 2'

1. Test the code example above which was provided to you. Describe the behaviour of the script using HTML comments.
2. Make sure that everything is working correctly: The moose-count uses the method **addMoose** by processing the number we need to count up or down
  1. increments by 1
  2. decrements by -1
  3. increments by +5
3. Make sure that you have the title `<h1>` and have correctly named the file: **lu07.s02.html**

## Assignment B - 5'

1. Currently we can increment by +1 and +5, and decrement by -1.
2. Similar to **addMoose** add method **removeMoose** which manages the decrement operations and use it.
3. Test your results and save it.
4. Add more buttons which can
  1. increment by +10
  2. decrement by -10
  3. decrement by -5
5. The aim is to have 3 increment-buttons (+1, +5, +10) and 3 decrement-buttons (-1, -5, -10)

## Assignment C: Catching numbers below zero (0) - 7'

1. It is strikingly obvious, that we can't have e.g. -5 moose, thus negative numbers are not allowed. Subsequently we must stop counting, when the count reaches the zero.
2. Add the case below zero to your **removeMoose-method** by checking the **count** with an if-statement
3. Check the result: It must stop at zero when the button **removeMoose** when the count reaches 0.

## Solution

[Lösung](#)

## Vocabulary

English	German
corresponding number of times	entsprechend oft
to increment	erhöhen, hochzählen
to decrement	vermindern, herunterzählen
thus	somit, dadurch



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