

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. - **Test your results and save it.** - **Add more buttons which can increment by +10 - decrement by -10 - decrement by -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' ===== - 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. - Add the case below zero to your removeMoose-method by checking the count with a if-statement -

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



Volkan Demir

From:

<https://wiki.bzz.ch/> - **BZZ - Modulwiki**

Permanent link:

<https://wiki.bzz.ch/en/modul/m291/learningunits/lu07/aufgaben/02?rev=1746443410>

Last update: **2025/05/05 13:10**

