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 Objectves

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 everthing 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 manges the decrement operations and use it.
3. Test your results and save it.
4. Add more buttons wich 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 belov zero (0) - 7'

1. It it strikingly obvious, that we can't have e.g. -5 moose, thus negativ numbers are not allowed. Subsequently we must stop counting, when the count reches the zero.
2. Add the case below zero to your **removeMoose-method** by checking the **count** with a 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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