# 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.
- 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.
- Add the case below zero to your removeMoose-method by checking the count with a ifstatement
- 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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