LU06.A07 - Events - colour changing

Prerequisites

- Work type: Individual
- Means of aid: only teaching materials, no websearch, no use of ai.
- Timeframe: 20 Minutes
- Expected result: Changing the color of a area which the reacting to events e.g. simple-click, mouseover, mouse.right-click and mouse-left-click

Source

Source-code for the assignment

Assignments

The idea of this assignment is to exercise on the one hand the four basic events, and on the other hand the increment and decrement-operators with various step-sizes. As a base for our exercise we are goint to change the appearance of html-visual-elements such as background color.

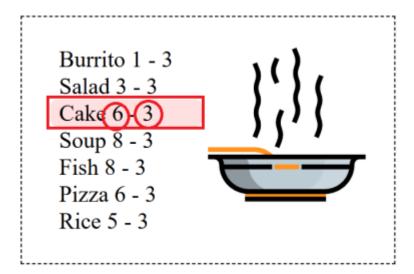
Assignment A

- 1. Test the code example provided to you: When moving the mouse over a list food elements each element must change the backgroundcolour to grey.
- 2. Make sure that you have the title <h1> and have the correctl filename: lu06.s07.html
- 3. After moving the mouse over the color area the background-color should change randomly. Behind this effect there is a sophisticated Math-Operation.
- 4. Replace the math-method with a simple inrement operation with step size 1.
- 5. Your result should look as following

LU06.A07: Color changing Move the mouse pointer over the box below to change the background-color randomly with hsl color code. A: Simple click with step-size 1 count up backgroundColor: hsl(0, 90%, 50%)

- 1. Additionally to the current features, we also want to count how many times each food was moved over by the mouse. This count must be shown after each food element.
- 2. And finally, count as well how many time the foods were clicked in total.
- 3. Save your result in Webstorm, too.

- 4. In order to display the food-images, you need to download them and save it in your mediadirectory.
- 5. Needless to say, that the image-path must be adjusted, e.g. "../media/image burrito.svg"
- 6. The result must look as following:



Solution

Lösung

Vocabulary

English	German
to compraise	beinhalten
sophisticated	raffiniert, anspruchsvoll



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