

## Lab Assignment 3

T-213-VEFF, Vefforritun, 2018-1

In this assignment, your job is to write JavaScript, some HTML and a little bit of CSS. You should write all your JavaScript code in a file called `scripts.js` and include it in a file called `index.html`.

All your HTML should be in `index.html`, all javascript code should be in `scripts.js` and all your CSS should be in `styles.css`. The look does not matter so you don't need to spend any time on CSS apart from the minimal CSS that is stated in each part.

1. Create a HTML link (`<a>`) that says "Click me", which when clicked will simply display an `alert( )` box, with the words "Hello world!".
2. Create a div containing a p element that contains some "Lorem ipsum" text. The div should have a yellow background. Create a link `<a>` tag that says "hide" below the div which will hide the div and the p element within it when it is clicked.
3. Create a javascript function which accepts two parameters. The function should return the sum of those two parameters. You will then use this function in the next step.
4. Create a `<form>` with two input boxes. The form should have a button in it. The user should type a number into each box, and when the button is clicked the function from part 3 should be called. The value of those two input fields should be passed to the function as parameters. You should then displays the return value of the function. You may use whatever method you like to display the result.
5. Create three buttons and an h2 element which holds a number (that number should be zero to start with). One button should say "increment", another "decrement" and the third one should say "reset". When the increment button is clicked the number in the h2 element should be incremented by one. When the decrement button is clicked the number in the h2 element should be decremented by one. When the reset button is clicked the number in the h2 element should be set to zero.
6. create an h3 element which says hello world! Beneath it, create an input that has `type="color"`. Next create a button that says "change color". When the change color button is clicked the background color of the h3 element should change to the color that was picked in the color input.

### Hand-in

Hand in the files `index.html`, `scripts.js` and `styles.css` as a `.zip` or `.rar` file. The deadline for this assignment is February 13th at 23.59