# Lab: JavaScript Basics and DOM

Problems for exercises and homework for the [“Software Technologies” course @ SoftUni](https://softuni.bg/courses/software-technologies).

1. **Calculate Expression**

## Write a JavaScript program to print the value of the following expression: [(30 + 25) \* 1/3 \* (35 - 14 - 12)]2

1. **Sum Two Numbers**

* Write a JS function to sum two numbers given as array of strings

1. **Three Integers Sum**

You are given 3 integers

Check whether two of them are equal to the third

Print the output in format **a** + **b** = **c** (**a** ≤ **b**)

1. **Symmetric Numbers**

* Write a JS function that finds and prints all symmetric numbers in the range [**1**…**n**]

## Sums by Town

* You are given a sequence of JSON strings holding town + income
* Write a JS function to sum and print the incomes for each town

## Largest 3 Numbers

* Write a program to read an array of numbers and find and print the largest 3 of them

## Capital Case Words

* Write a JavaScript function to extract from array of strings all capital-case words. All non-letter chars are considered separators.