# FL8. Lesson 8. Functions.

# Homework

1. The result of your work should be packed to **folder** with js files (separate js files for each task). Inner folder structure should be exactly as follows:

*|\_\_ homework\_08 /  
 |\_\_ js /*

*|\_\_ isBigger.js*

*|\_\_ …*

*|\_\_ reverseNumber.js*

1. Code has to be readable, tested and well-formatted.
2. The folder must be loaded into the Github repository '**front-end-lab-8**' in the **master** branch

**Task #1**

Write a function - *isBigger*

It should accept two arguments and returns **true** if first one has **greater** value than second one or false otherwise.   
For example: isBigger(5, -1); // => true  
Tip: no need for if/else clause nor ternary operator

**Task #2**

Write a function - *isSmaller*

It should accept two arguments and returns **true** if first one has **lesser** value than second one or false otherwise.   
For example: isSmaller(5, -1); // => false  
Tip: consider reusing *isBigger* function

**Task #3**

Write a function - *getMin*

It should accept **arbitrary** number of integer arguments and returns the one with the smallest value.  
For example: getMin(3, 0, -3); // => -3  
Tip: since **arguments** is like array, you can use simple iteration over it  
and use arguments[ i ] to get the argument of a given index

**Task #4**

Write a function - *isPrime*

It should accept one integer argument and returns true if it is prime number or false otherwise  
For example: isPrime(5); // => true

**Task #5**

Write a function - *getClosestToZero*

It should accept arbitrary number of integer arguments and returns one closest to 0 (zero).  
For example: getClosestToZero(9, 5, -4, -9); // => -4

Tip: Math.abs() might be helpful

**Task #6**

Write a function - *reverseNumber*

It should accept an integer and return it`s reversed version. Numbers should preserve their sign: i.e. a negative number should still be negative when reversed.  
For example:

reverseNumber(123); // => 321

reverseNumber(-456); // => -654

reverseNumber(1000); // => 1