

JavaScript Lab3

Create javascript external file name it "functionsScript.js" and another external file name it "consumingScript.js"

First file will contain all functions (all functions have an input and return value) and the other one will contain the calling of these functions

Now create the following functions:

- 1- Function accept a full name string and convert each letter of first world to Capital and the remaining to small (Pascal Case).

//Example : 'the quick brown fox'

//Output : 'The Quick Brown Fox'

- 2- Function that accept a sentence and return the longest word within the input

//Example : 'Web Development Tutorial'

//Output : 'Development'

- 3- Write a JavaScript Function that returns a passed string with letters in alphabetical order

//Example : javascript

//Output : aacijprstv

- 4- Define an array of numbers [2,1,3,2,7,2,8,4,3,6,10,9,12]

- Sort them ascending then descending and print the result on console as table.
- Filter numbers larger than 5 (use ES6 arrow function)
- Display Max and Min Number (use ES6 operators)
 - **Note:** Using Math functions (Math.max and Math.min)
- Use Array.from function to generate a copy from this array but elements will be multiplied by 5.
- Remove repeated numbers from the array
- Display the array elements from pervious step as string concatenated with *.

- 5- Write a JavaScript function to get the month name from a particular date and display the result on alert.

Bonus(Optional):

- 1- Write JavaScript function that returns random array of numbers between 1:10

Note: Take the length (should be less than 11) from user as an function input.