

## ES6 lab Day 1

1) Swap the values of two variables using destructuring

2) Using rest parameter and spread operator return max value from any array

note: array length is not fixed return min and max value and display each of them separately after function call

3) Study new array api methods then create the following methods and apply it on this array var fruits = ["apple", "strawberry", "banana", "orange", "mango"]

a. test that every element in the given array is a string

b. test that some of array elements starts with "a"

c. generate new array filtered from the given array with only elements that starts with "b" or "s"

d. generate new array each element of the new array contains a string declaring that you like the give fruit element

e. use forEach to display all elements of the new array from previous point

4. Write a function that takes an array of numbers and returns a new array containing only the positive numbers.

5. Write a function that takes an array of numbers and returns the sum of all the numbers.(reduce)

6. Write a function that takes an array of names and returns a new array with each name capitalized.

7. Write a JavaScript program to check whether a string is lower case or not.

8. Write an arrow function that takes an array of strings and a length, and returns a new array containing only the strings with length greater than the specified value.