**Assignment – Day -1**

1. Write a JavaScript function to filter false, null, 0 and blank values from an array.

Input – [58, '', 'abcd', true, null, false, 0]

Output - [58, "abcd", true]

1. Write a JavaScript function to get nth largest element from an unsorted array.

* Method - nthlargest([ 43, 56, 23, 89, 88, 90, 99, 652], 4)

Output – 89

1. Write a JavaScript function to parameterize a string

Input - Robin Singh from USA.

Output - robin-singh-from-usa

1. Write a JavaScript function that takes a string which has lower and upper case letters as a parameter and converts upper case letters to lower case, and lower case letters to upper case.

Input – AaBbc

Output – aAbBC

1. Write a JavaScript function to count the number of days passed since beginning of the year.

Input - new Date(2015, 11, 14)

Output – 348

1. Write a JavaScript function to get a full textual representation of the day of the week (Sunday through Saturday).

Input - new Date(2015, 10, 1)  
Output - "Sunday"

1. Write a JavaScript program to find duplicate values in a JavaScript array.
2. Write a JavaScript function to insert a string within a string at a particular position (default is 1)

Test Data :

Input - console.log(insert('We are doing some exercises.','JavaScript '));

Input - console.log(insert('We are doing some exercises.','JavaScript ',18));

Output - "JavaScript We are doing some exercises."

Output - "We are doing some JavaScript exercises."

1. Write a JavaScript function to chop a string into chunks of a given length.

Inputs –

chop(‘anilanilanil’)

chop(‘anilanilanil’,2)

chop(‘anilanilanil’,3)

Outputs -

["anilanilanil’"]

["an", "il", "an", "il", "an",”il”]

["ani", "lan", "ila", "nil"]