

## Javascript String functions

Search()	It locates the substring in a string using regular expression in a string
indexOf()	Get the index of the first occurrence of the substring in a string
lastIndexOf()	Get the index of the last occurrence of the substring in a string
includes()	Checks if the string contains given substring
startsWith()	Checks if the string starts with other substring
endsWith()	Checks if the string ends with other substring
trim()	Removes leading and trailing spaces
trimStart()	Removes leading spaces
trimEnd()	Removes trailing spaces
split()	It breaks the string at the given delimiter, and stores it in the array
replace()	It replace the old string with new string
replaceAll()	Replaces all the occurrences of a substring that matches the pattern with the new string
toUpperCase()	Converts the string into uppercase
toLowerCase()	Converts the string into lowercase

## Number function

isNaN()	It checks whether it is a string, returns true if at least one alphabet is there, otherwise returns false if it is a number, i.e all are digits
isFinite()	It checks whether all characters are digits
toFixed(digits)	Number of digits to display after decimal point, document.write("toFixed : "+(10/3).toFixed(2)+" "); //the o/p is 3.33
toPrecision()	Returns a string value for a number to a specified precision, document.write("toprecision: "+(10/3).toPrecision(4)+" "); //the o/p is 3.3334 represents total number of digits.

## Arrays in javascript

indexOf	To find the position of an element in the array
push	To add element at the end
pop	To delete element from the end
unshift	To add element at the beginning
shift	To delete element from the beginning
find	To find the first occurrence of a value based on given condition
findIndex	To find the position of first occurrence of based on given condition
filter	To find all occurrences of value based on given condition
map	To apply some expression on all the values and get some result for each value
reduce	To convert many values into single value
splice	To delete value from the given position To insert value at the given position To delete and replace at the given position
sort	To arrange data in ascending or descending order
slice	To find the portion of the array.



12, 13, 5, 6, 7, 20

arr.filter(a => a % 2 == 0)

12, 6, 20

12, 13, 5, 6, 7, 20

arr.map(a => a + 20)

32, 33, 25, 26, 27, 40

3, 4, 2, 5, 10, 5, 3

arr2.reduce((a, b) => a + b)

