Print odd numbers in an array

let arr = [1,2,3,4,5,6,7,8,9];

let odds = arr.filter(x => x%2);

console.log(odds);

//function

var num=[1,2,3,4,5,6,7,8,9]

var a =num.filter(function(item){

if(item%2===0){

return null

}else{

return item

}

})

console.log(a)

 Convert all the strings to title caps in a string array

var str = "guvi zen";

console.log(

str.split(' ').map(w => w[0].toUpperCase() + w.substr(1).toLowerCase()).join(' ')

)

Sum of all numbers in an array

const sum = [1,2,3].reduce(add,0);

function add (accumulator,a){

    return accumulator+a;

}

console.log(sum);

const sum1 = [1,2,3].reduce((partial\_sum1,a)=> partial\_sum1+a,0);

console.log(sum1);

Return all the palindromes in an array

var words= ["level","Mom","guvi"]

function checkPalindrom(str) { //function that checks if palindrome or not

  return str.toLowerCase().split('').reverse().join('') === str.toLowerCase();

}

const result = words.filter(word => checkPalindrom(word));

console.log(result);

Remove duplicates from an array

const array = [0,1,1,2,0,0,0,2,1];

array.filter((item,pos)=> array.indexOf(item) === pos);

var a = [1,1,1,2,2,3,4,4,4,5,5,1];

var b = a.filter(function(item, pos) {

return a.indexOf(item) == pos;

})

console.log(b)

Rotate an array by k times and return the rotated array

function rotate (arr,k){

    for(var i =0; i<k+1;i++){

        arr.push(arr.shift());

    }

    return arr;

}

console.log(rotate([1,2,7,4,3,8,9],3));