1. Print odd numbers in array.
   1. Anonymous function :

// anonymous function

var odd = function(a){

for(let i = 0;i<a.length;i++){

if(a[i]%2 === 1){

b.push(a[i]);

}

}

return b;

}

console.log(odd(a));

* 1. Arrow function var a = [1, 2, 3, 4, 5]

var b =[];

// Arrow function

var b = a.filter((a)=>a%2)

console.log(b)

1. Convert string to title cap in string array. (Qn modified) I am making correct sentence, To make whole string in upper case s.toUpperCase()
   1. Anonymous function:

var sentence = "my name is Govi";

var new\_sentence = function(s)

{

s = s[0].toUpperCase() + s.slice(1);

return s;

}

console.log(new\_sentence(sentence));

* 1. Arrow function:

var sentence = "my name is Govi";

var new\_sentence = (s) => s[0].toUpperCase() + s.slice(1);

console.log(new\_sentence(sentence));

1. Sum of all number in array:
   1. Anonymous function

var arr = [1,2,3,4,5]

arr;

var sum = arr.reduce(function add(acc,ele){

return acc+ele;

},0)

console.log(sum);

* 1. Arrow function :   
     var arr = [1,2,3,4,5]

var sum = arr.reduce((acc,ele)=> acc+ele,0)

console.log(sum);

1. Return all the prime number in an array.

var numArray = [2, 3, 4, 5, 6, 7, 8, 9, 10]

numArray = numArray.filter(function(number) {

for (var i = 2; i <= Math.sqrt(number); i++) {

if (number % i === 0)

return false;

}

return true;

});

console.log(numArray);

* 1. With arrow function - var numArray = [2, 3, 4, 5, 6, 7, 8, 9, 10]

numArray = numArray.filter((number) => {

for (var i = 2; i <= Math.sqrt(number); i++) {

if (number % i === 0)

return false;

}

return true;

}); console.log(numArray);

1. Return all the palindrome in an array-
   1. Anonymous function p

var a = [1,2,3,2,1];

var n=a.length;

function p(a,n){

let flag = 0;

for (let i = 0; i <= n / 2 && n !== 0; i++){

if(a[i]!=a[n-i-1]){

flag = 1;

break;

}

}

if (flag == 1){

console.log(" no ");

}

else console.log(a);

}

p(a,n);

* 1. Arrow function :

var a = [1,2,3,2,1];

var n=a.length;

(a,n)=>{

let flag = 0;

for (let i = 0; i <= n / 2 && n !== 0; i++){

if(a[i]!=a[n-i-1]){

flag = 1;

break;

}

}

if (flag == 1){

console.log(" no ");

}

else console.log(a);

}

p(a,n);

1. Return median of two sorted array of same size:

(I made for one…I don’t understand the question that how 2 array have median , it will be mean of median if I do that)

var arr = [1,2,3,5,6,7]

var b = arr.sort();

var n = b.length;

var median;

if(n %2 ===1)

{

median = b[Math.ceil(n/2) -1]

}

else{

median = (b[n/2] + b[n/2 +1])/2;

}

console.log(median);

1. Remove duplicate from an Array.
   1. Arrow function:

var arr = [1,2,3,3,5,6,7]

let newarr = [...new Set(arr)]

newarr.forEach(data=function() { console.log(data)});

* 1. Arrow function:

var arr = [1,2,3,3,5,6,7]

let newarr = [...new Set(arr)]

newarr.forEach(data => console.log(data));

1. Rotate array k times and return the rotated array
   1. var arr = [1,2,3,4,5];

// shifted left k times 2 times = [3,4,5,1,2]

var brr = [];

var k = 2;

// rotate it k times

for(var j=0;j<k;j++){

// one time rotation

var temp = arr[0];

for(var i=0;i<arr.length - 1;i++)

{ arr[i] = arr[i+1];

}

arr[i] = temp;

///one time rotation end here

}

console.log(arr);