1. Print odd numbers in an array:

**function oddNumbers(l, r) {**

**let arr = [];**

**while (l <= r) {**

**arr.push(l);**

**l += 1;**

**}**

**return arr.filter(n => n % 2);}**

**console.log(oddNumbers(1,10))**

**2.**convert all the strings to title caps in a string array:

**function titleCase(str) {**

**return str.toLowerCase().split(' ').map(function(word) {**

**return word.replace(word[0], word[0].toUpperCase());**

**}).join(' ');**

**}**

**console.log(titleCase("guvi geek"));**

3.sum of all numbers in an array:

**const add = arr => arr.reduce((a,b)=> a+b,0);**

**var arr = [2,5,8,6,10];**

**var sum = add(arr)**

**console.log(sum)**

4.Return all the prime numbers in an array**:**

**const array = [1, 3, 2, 5, 10];**

**const newArray = array.filter(num => {**

**for (let i = 2; i < num; i++) {**

**if (num % i === 0) return false;**

**}**

**return num !== 1;**

**});**

**console.log(newArray);**

5.Return all the Palindromes in an array:

var myArray = ['viicc', 'cecarar', 'honda', 'ada'];

function palindromize(word) {

var p = word.split("").reverse().join("");

return p === word ? word : 0;

}

console.log(JSON.stringify(myArray.map(palindromize),0,4));

6.Return Median of two sorted arrays of same size:

function getMedian(ar1, ar2, n)

{

var i = 0;

var j = 0;

var count;

var m1 = -1, m2 = -1;

for (count = 0; count <= n; count++)

{

if (i == n)

{

m1 = m2;

m2 = ar2[0];

break;

}

else if (j == n)

{

m1 = m2;

m2 = ar1[0];

break;

}

if (ar1[i] <= ar2[j])

{

m1 = m2;

m2 = ar1[i];

i++;

}

else

{

m1 = m2;

m2 = ar2[j];

j++;

}

}

return (m1 + m2)/2;

}

var ar1 = [1,14,24,35]

var ar2 = [3,17,28,39]

var n1=ar1.length

var n2=ar2.length

if(n1 == n2)

console.log(getMedian(ar1,ar2,n1));

7.Remove duplicates from an array:

var arr=["apple","orange","banana","apple","lemon","orange"]

function removeDuplicates(data){

return data.filter((value,index) => data.indexOf(value) == index);

}

console.log(removeDuplicates(arr));

8.Rotate an array by k times and return the rotated array:

function rotateRight(arr){

let last = arr.pop();

arr.unshift(last);

return arr;

}

let arr=[1,4,7,9,5]

console.log(rotateRight(arr))