1.sum of all the elements in an array using anonymous function?

Ans:

var num= function add(a,b){

    return(a+b);

 }

 console.log(num(20,30));

2.print the title caps to string in uppercase using anonymous function?

Ans:

function titleCase(str) {

    return str.toLowerCase().replace(/\b\w/g, s => s.toUpperCase());

  }

  console.log(titleCase('iron man'));

3.print all the prime numbers in an array?

Ans:

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);

4.print all the odd num in an array using anonymous function?

Ans:

function numbers(l, r) {

var x = [],

i = Math.floor(l / 2) \* 2 + 1; // start with an odd number

while(i <= r) {

x.push(i);

i += 2;

};

return x;

}

console.log(numbers(10, 19));

console.log(numbers(3, 5));

**5.print all the palindromes in an array?**

**Ans:**

const getAllPalindromes = function (words) {

return words.filter(function (word) {

return word.split("").reverse().join("") === word;

});

};

console.log(getAllPalindromes(["hello", "noon"]));

**6.remove the duplicates of the array?**

**Ans:**

var arr =[banana,apple,banana,guava,orange];

remove duplicates (Data){

    return data.filter((value,index) => date.index of (value) ===index)

}

console.log (retrn duplicates(arr));

**7.rotate k times in array?**

**Ans:**

var rotate = function (arr, numberOfShifts) {

let tmp = 0; const leng = arr.length;

numberOfShifts = numberOfShifts % leng;

for (let i = 0; i < numberOfShifts; i++) {

tmp = arr.pop();

arr.unshift(tmp);

}

return arr;

};

**8.median of two sorted array?**

**Ans:**

float getMedian(int num1[], int num2[], int size) {

int i = 0

int j = 0

int m1 = -1, m2 = -1

for (count = 0 to size) {

if (i == size) {

m1 = m2

m2 = num2[0]

break

}

else if (j == size) {

m1 = m2

m2 = num1[0]

break

}

if (num1[i] < num2[j]) {

m1 = m2

m2 = num1[i]

i = i + 1

} else {

m1 = m2

m2 = num2[j]

j = j + 1

}

}

return (m1 + m2)/2

}