1. How to compare two JSON have the same properties without order?
   1. var obj1 = { name: "Person 1", age:5 };
   2. var obj2 = { age:5, name: "Person 1" };

Ans:

var obj1 = { name: "Person 1", age:5 };

var obj2 = { age:5, name: "Person 1" };

let res=[]

for(let i in obj1)

{

for(let j in obj2)

{

if(obj1[i]===obj2[j])

{

res.push(obj1[i])

}

}

}

if(res.length===(Object.keys(obj1)).length)

{

console.log(`JSON is same`)

}

else

{

console.log(`JSON is not same`)

}

4.

1. var myarray=[11,22,33,44,55]

write a code to count the elements in the array . Don’t use length property

var myarray=[11,22,33,44,55]

var count=0

myarray.forEach(e=>{

return count++

})

console.log(count)

1. Find the name with min characters and return the name

const friends = ["Mari","MaryJane","CaptianAmerica","Munnabai","Jeff","AAK chandran"];

let len=Math.min(...friends.map((e)=>e.length))

let res=friends.filter((e,i)=>e.length===len)

console.log(res)

1. Find the names and return the list starting with letter M.

const friends = ["Mari","MaryJane","CaptianAmerica","Munnabai","Jeff","AAK chandran"];

var res=[]

friends.map((e,i)=>{

if(e.split("")[0]==="M")

{

res.push(friends[i]);

}

//return res

})

console.log(res)

1. Find the friends names who has letter ‘a’ and return the list.

const friends = ["Mari","MaryJane","CaptianAmerica","Munnabai","Jeff","AAK chandran"];

var res=[]

friends.map((e,i)=>{

if(e.split("").includes("a"))

{

res.push(friends[i]);

}

//return res

})

console.log(res)

1. Get the first item, the middle item and the last item of the array

const friends = ["Mari","MaryJane","CaptianAmerica","Munnabai","Jeff","AAK chandran"];

var res=[]

res.push(friends[0])

if(friends.length%2===0)

{

res.push(friends[(Math.round((friends.length)/2))-1],friends[Math.round((friends.length)/2)])

}

else

{

res.push(friends[(Math.round((friends.length)/2))-1])

}

res.push(friends[friends.length-1])

console.log(res)

1. Find the average in the array below.Make sure you add only the numbers and do avg.

const friendsInfo = [6, 12, "Mari", 1, true, 'Munnabai', '‘200’', 'CaptianAmerica', 8, 10];

let num=friendsInfo.filter((e)=>parseInt(e)===parseInt(e)).reduce((acc,cv)=>acc+cv)

console.log(num/2)

1. Write a loop that makes seven calls to console.log to output the following triangle:

#

##

###

####

#####

######

#######

var n="";

for(var i=1;i<=7;i++)

{

for(var j=i;j<=i;j++)

{

console.log(n+="#")

}

}

1. Given their radius of a circle and find its diameter, circumference and area.

let r=parseInt(userInput[0])

console.log(`Diameter: ${getdia(r)}`)

console.log(`Circumference: ${getcircum(r)}`)

console.log(`Area: ${getarea(r)}`)

function getdia(r){

return r\*2

}

function getcircum(r){

return (2\*(22/7)\*r).toFixed(3)

}

function getarea(r){

return ((22/7)\*Math.pow(r,2)).toFixed(3)

}

1. Iterate through the string array and print it contents

var strArray= ["<option>Jazz</option>",,"<option>Blues</option>", ,"<option>New Age</option>",,"<option>Classical</option>", ,"<option>Opera</option>"]

strArray.forEach((e)=>console.log(e))

1. Give the Actual cost and Sold cost, Calculate Discount Of Product

let ac=parseInt(userInput[0])

let sc=parseInt(userInput[1])

if(ac>sc)

{

console.log(ac-sc)

}