**//Sorted array values in assigning order [1,2,3,4….]**

var arr1 = **[5,4,44, [6,8,95, 11, [34, 78, 51]], 77];**

console.log(arr1.sort((a,b)=>a-b))

**//Swapping two numbers placement**

// var x = 56;

// var y = 65;

// x = x + y;

// y = x - y;

// x = x -y;

// console.log(x, y)

// console.log(x.toString().split("").reverse().join(""))

**// duplicate values merge employees**

var empList = [

{

"name": "Ravi",

"age": 25,

"salary": 25000

},

{

"name": "Shiva",

"age": 30,

"salary": 35000

},

{

"name": "Ravi",

"age": 25,

"salary": 25000

}

]

function removeDup(list){

const result = [];

const names = {};

list.forEach((ele, index) => {

if(names[ele.name] === undefined) {

names[ele.name] = ele;

result.push(ele);

}

})

return result;

}

console.log(removeDup(empList))

//

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

// const sum = arr.reduce((a,b) =>{

// console.log(a, b);

// return a+b

// // return a<b ? b:a

// })

// console.log(sum)

// const sum = arr.reduce((a,b) =>{

// console.log(a, b);

// return a+b

// }, 100)

// console.log(sum)

// const sum = arr.reduce((a,b) =>{

// console.log(a, b);

// return a<b ? b:a

// })

// console.log(sum)

const sum = arr.reduce((a,b) =>{

console.log(a, b);

return a<b ? b:a

})

console.log(sum)

**//Write a program to print all combination of the given String.**

**//Ex – ABC: ABC, BCA, CAB, CBA, BAC, ACB**

function getComb(str) {

const len = str.length

const result = [];

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

let currStr = str.split("")[i];

for(let j = 0; j < len; j++){

//if(i === j)

//continue;

currStr += str.split("")[j];

}

if(currStr.length === len)

result.push(currStr)

}

return result;

}

console.log(getComb("ABC"))

**//Hyderabad strings in repeated**

function duplicateCharCount(str) {

if(str) {

var obj = {};

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

if(obj[str[i]]){

obj[str[i]] += obj[str[i]];

}else {

obj[str[i]] = 1;

}

}

console.log(obj);

}

}

duplicateCharCount("hyderbad");