const points = [40, 100, 1, 5, 25, 10];

let largest = points[0]

let i;

for(i=1;i<points.length;i++)

{

    if(points[i]>largest)

    {

        largest=points[i]

    }

}

console.log(largest)

const points = [40, 100, 1, 5, 25, 10];

points.sort(function(a,b){

    return b-a

})

console.log(points[0])

const cars = [

    {type:"Volvo", year:2016},

    {type:"Saab", year:2001},

    {type:"BMW", year:2010}

  ];

  cars.sort(function(a,b){

    return a.year - b.year

  })

  console.log(cars)

const numbers = [45, 4, 9, 16, 25];

var sum ="";

numbers.forEach(function(item){

    if(item%2===0)

    {

       // console.log("even no are "+item)

        sum=sum+" "+item

    }

})

console.log(sum)

const numbers = [45, 4, 9, 16, 25];

var evens = numbers.filter(function(num){

    return num%2===0

})

console.log(evens)

const numbers = [45, 4, 9, 16, 25];

var doubleEle = numbers.map(function(num){

    return num\*2

})

console.log(doubleEle)

const numbers = [45, 4, 9, 16, 25];

var greater=numbers.filter(function(num){

    return num>18

})

console.log(greater)

const numbers = [45, 4, 9, 16, 25];

let  total=1000

var sum=numbers.reduce(function(total,num){

    return total+num

})

console.log(sum)

self invoked function

(function (arg1 , arg2)

{

console.log(`${arg1} ${arg2}`)

})('QA','Box test')

----------------------------------

//using foreach loop

arr=[2,4,5,6,7]

arr.forEach(function(val){

console.log(val)

})

//using normal traverse

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

{

console.log(arr[i])

}

------------------------------------------

//using foreach loop

arr=[2,4,5,6,7]

var arrMap = arr.map(function(val){

return val\*2

})

console.log(arrMap)

----------------------------------