**Find max and min value of array**

let points = [1, 5, 3, 2]

function finmax(*arr*){

let len =arr.length;

let min = Infinity;

while(len--){

  if(arr[len]<min){

      min = arr[len]

  }

}

return min

}

console.log(finmax(points))

**Max value**

let points = [1, 5, 3, 2]

function finmax(*arr*){

let len =arr.length;

let max = -Infinity;

while(len--){

  if(arr[len]>max){

      max = arr[len]

  }

}

return max

}

console.log(finmax(points))

**Another method for max and min value**

let points = [1, 5, 3, 2]

let result = Math.max.apply(null, points)

console.log(result)

1. [Write a program to cyclically rotate an array by one](https://practice.geeksforgeeks.org/problems/cyclically-rotate-an-array-by-one2614/1)

const rotate = (*arr*) => {

  let a = [arr[arr.length - 1]];

  for (let i = 0; i < arr.length - 1; i++) {

    a.push(arr[i]);

  }

  return a;

};

console.log(rotate([1, 2, 3, 4, 5]));

[**Find the missing integer**](https://practice.geeksforgeeks.org/problems/missing-number-in-array1416/1)

var a = [5],

count = 5;

var missing = new Array();

for (var i = 1; i <= count; i++) {

if (a.indexOf(i) == -1) {

missing.push(i);

}

}

console.log(missing); *// to check the result.*

[**Find duplicates in an array**](https://practice.geeksforgeeks.org/problems/find-duplicates-in-an-array/1)

const numbers = [1, 2, 3, 2, 4, 5, 5, 6];

const unique = Array.from(new Set(numbers));

console.log(unique);

**check if there were duplicate items in the original array**

const numbers = [1, 2, 3, 2, 4, 5, 5, 6];

const unique = Array.from(new Set(numbers));

if(numbers.length === unique.length) {

    console.log(`Array doesn't contain duplicates.`);

} else {

    console.log(`Array contains duplicates.`);

}

*// Output: Array contains duplicates.*

To **find out exactly which elements are duplicates**

const numbers = [1, 2, 3, 2, 4, 5, 5, 6];

const set = new Set(numbers);

const duplicates = numbers.filter(*item* => {

    if (set.has(item)) {

        set.delete(item);

    } else {

        return item;

    }

});

console.log(duplicates);

*// [ 2, 5 ]*