1. Write a JavaScript function to check whether an `input` is an array or not

*Test Data* :

console.log(is\_array('w3resource'));

console.log(is\_array([1, 2, 4, 0]));

false

True

**function is\_array(inp) {**

**return Array.isArray(inp);**

**}**

**console.log(is\_array('w3resource'));**

**console.log(is\_array([1, 2, 4, 0]));**

1. Write a JavaScript function to clone an array

*Test Data* :

console.log(array\_Clone([1, 2, 4, 0]));

console.log(array\_Clone([1, 2, [4, 0]]));

[1, 2, 4, 0]

[1, 2, [4, 0]]

**function array\_Clone(inp) {**

**copied=[];**

**for (i=0; i < inp.length; i++) {**

**copied[i]=inp[i];**

**}**

**return copied;**

**}**

**console.log(array\_Clone([1, 2, 4, 0]));**

**console.log(array\_Clone([1, 2, [4, 0]]));**

1. Write a JavaScript function to get the first element of an array. Passing a parameter 'n' will return the first 'n' elements of the array.

*Test Data* :

console.log(first([7, 9, 0, -2]));

console.log(first([],3));

console.log(first([7, 9, 0, -2],3));

console.log(first([7, 9, 0, -2],6));

console.log(first([7, 9, 0, -2],-3));

*Expected Output* :

7

[]

[7, 9, 0]

[7, 9, 0, -2]

[]

**function first(inp,cnt) {**

**fir=[];**

**for(i=0;i<cnt;i++) {**

**fir[i]=inp[i];**

**}**

**return fir;**

**}**

**console.log(first([7, 9, 0, -2]));**

**console.log(first([],3));**

**console.log(first([7, 9, 0, -2],3));**

**console.log(first([7, 9, 0, -2],6));**

**console.log(first([7, 9, 0, -2],-3));**

1. Write a simple JavaScript program to join all elements of the following array into a string.

*Sample array* : myColor = ["Red", "Green", "White", "Black"];

*Expected Output* :

"Red,Green,White,Black"

"Red,Green,White,Black"

"Red+Green+White+Black"

**myColor = ["Red", "Green", "White", "Black"];**

**str = '"';**

**for(i=0;i<myColor.length;i++) {**

**str=str + myColor[i] + ",";**

**}**

**str=str + '"';**

**console.log(str);**

1. Write a JavaScript program to find the most frequent item of an array

*Sample array* : var arr1=[3, 'a', 'a', 'a', 2, 3, 'a', 3, 'a', 2, 4, 9, 3];

*Sample Output* : a ( 5 times )

**var arr1=[3, 'a', 'a', 'a', 2, 3, 'a', 3, 'a', 2, 4, 9, 3];**

**count=0**

**mf=1;**

**for(i=0;i<arr1.length;i++)**

**{**

**for(j=1;j<arr1.length;j++) {**

**if (arr1[i]==arr1[j]) {**

**count+=1;**

**}**

**if (mf<count) {**

**item=arr1[i];**

**mf=count;**

**}**

**}**

**count=0;**

**}**

**console.log(item + " (" + mf + " times)");**