**7 kyu**

**Remove duplication**

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JavaScript

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Write a function that accepts an array of number as parameter, and it returns array after removing all duplicated numbers.

Example removeDuplication([1,2,3,2,4,6,2,6,7]) Output [1,3,4,7].

Here 2 ,6 are duplicated in array , so we should remove all numbers that are duplicated. The output will be 1,3,4,7 after removing 2,6.

Input : [1,2,1,2,1,1,2,2] , Output : [].

Input : [2,5,6,7,5,2,6] , Output: [7].

<https://www.codewars.com/kata/remove-duplication/javascript>

**function** removeDuplication(arr){

**var** diccio = {};

**for**(let i =0; i<arr.length; i++)

            {

                diccio[arr[i]] = 0;

            }

**for**(let i =0; i<arr.length; i++)

            {

                diccio[arr[i]]++;

            }

**var** lista = [];

**for**(let i =0; i<arr.length; i++)

            {

**if**(**typeof** arr[i] !== 'undefined' && diccio[arr[i]]==1)

                {

                    lista.push(arr[i]);

                }

            }

**return** lista;

}