



Question - 1
Move to the RIGHT an "X" in an array

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Input

- An array of characters, composed of "0" and only 1 "X"

Example : ["0", "X", "0", "0"]

Output

- The same array, but the X has been moved to the RIGHT
Example: ["0", "0", "X", "0"]
- Note : if the X is already at the last position, it cannot be moved, so just print the same array (no change)

Examples

Input	Output
["0", "X", "0", "0"]	["0", "0", "X", "0"] <u>Explanation:</u> We moved the X on the RIGHT
["0", "0", "0", "0", "0", "X"]	["0", "0", "0", "0", "0", "X"] <u>Explanation:</u> We cannot move more to the right, just print the same

Question - 2
Filter value of array that has duplicate value.

Filter value of array that has duplicate value.

Input

- An Array

Output

- An Array

INPUT	OUTPUT
[7, 7, 7, 6, 6, 6, 9, 9, 9, 9, 10]	[7, 6, 9, 10]
[7, 7, 7, 6, 10]	[7, 6, 10]
[7, 6, 10]	[7, 6, 10]

Question - 3

Add Value to The End of Array

INPUT:

- A array of strings (list of names)

Example: ["ronan", "rady"]

- A string (a name)

Example: "seiha"

OUTPUT:

- A array of string : the intial array with the new name added at the end of an array

Example: ["ronan", "rady" , "seiha"]

Question - 4

[ARRAY] Remove 7 From Array

INPUT:

- A array of integers

Example: number = [4, 5, 6, 3, 7, 8]

***Note: This exercise assumes that 7 exists only once in an array

OUTPUT:

- A array of integers - without the number 7

Example: [4, 5, 6, 3, 8]

***You must follow these steps:

STEP1: Write a function to find the index of 7 in an array and your function must return an index (integer)

Function name	findIndexOfSeven
Parameters	array (integer)
Return value	index (integer)
Examples	findIndexOfSeven([5, 7, 2, 11]) --> 1

STEP2: Use the return value of your previous function to remove 7 from an original array

STEP3: Print the array after removing 7

Question - 5

Find the position of number 7 (row & column)

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- INPUT

Array 2D of numbers

- OUTPUT

the position of number 7 (row and column)

Example:

INPUT	OUTPUT
[[1,2,3], [4,5,6], [7,8,9]]	Row: 2 and Column: 0
[[1, 7,3], [4,5,6], [1,8,9]]	Row: 0 and Column: 1
[[1,3 ,3], [4, 7,6], [1,8,9]]	Row: 1 and Column: 1