



Explore

Problems

Mock^{New}

Contest

Articles

Discuss

Store

Interviewing? Discuss here!

Premium



Sign up

or

Sign in

Description

Solution

Submissions

Discuss (344)

Java

i

{ }

↶

>_

⚙

⌵

496. Next Greater Element I

Easy

👍 851

🗨 1380

❤ Favorite

🔗 Share

You are given two arrays (**without duplicates**) `nums1` and `nums2` where `nums1`'s elements are subset of `nums2`. Find all the next greater numbers for `nums1`'s elements in the corresponding places of `nums2`.

The Next Greater Number of a number `x` in `nums1` is the first greater number to its right in `nums2`. If it does not exist, output -1 for this number.

Example 1:

Input: `nums1 = [4,1,2]`, `nums2 = [1,3,4,2]`.

Output: `[-1,3,-1]`

Explanation:

For number 4 in the first array, you cannot find the next greater number for it in the second array, so output -1.

For number 1 in the first array, the next greater number for it in the second array is 3.

For number 2 in the first array, there is no next greater number for it in the second array, so output -1.

Example 2:

Input: `nums1 = [2,4]`, `nums2 = [1,2,3,4]`.

Output: `[3,-1]`

1

⌵ Problems

✂ Pick One

< Prev

496/1140

Next >

Console ▾

Contribute i

▶ Run Code

Submit