

[Description](#) [Accepted](#) [Editorial](#) [Solutions](#) [Submissions](#)

27. Remove Element

Solved [Easy](#) [Topics](#) [Companies](#) [Hint](#)

Given an integer array `nums` and an integer `val`, remove all occurrences of `val` in `nums` **in-place**. The order of the elements may be changed. Then return *the number of elements in `nums` which are not equal to `val`*.

Consider the number of elements in `nums` which are not equal to `val` be `k`, to get accepted, you need to do the following things:

- Change the array `nums` such that the first `k` elements of `nums` contain the elements which are not equal to `val`. The remaining elements of `nums` are not important as well as the size of `nums`.
- Return `k`.

Custom Judge:

The judge will test your solution with the following code:

```
int[] nums = [...]; // Input array
int val = ...; // Value to remove
```



312 Online

</> Code

Python3  Auto

```
1 class Solution:
2     def removeElement(self, nums:
3
4         count = 0
5         for i in range(len(nums)):
6             if nums[i] != val:
7                 nums[count] = num
8                 count += 1
```

Saved

☒ Testcase [Test Result](#)**Accepted** Runtime: 0 ms

Case 1

Case 2

Input

```
nums =
[3,2,2,3]
```

val =