# 027. Remove Element

# **027** Remove Element

• Two pointers+array

# **Description**

Given an array and a value, remove all instances of that value in-place and return the new length.

Do not allocate extra space for another array, you must do this by modifying the input array in-place with O(1) extra memory.

The order of elements can be changed. It doesn't matter what you leave beyond the new length.

#### Example:

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

Your function should return length = 2, with the first two elements of nums being 2.
```

# 1. Thought line

# 2. Two pointers+array