

# 0026 - Remove Duplicates from Sorted Array



case:

**Input:** nums = [0,0,1,1,1,2,2,3,3,4]

**Output:** 5, nums = [0,1,2,3,4,\_,\_,\_,\_,\_]

**Explanation:**

Your function should return k = 5, with the first five elements of nums being 0, 1, 2, 3, and 4 respectively. It does not matter what you leave beyond the returned k (hence they are underscores).



dupe  K  count

java

```
class Solution {
    public int removeDuplicates(int[] nums) {
        int dupeCount = 0;
        int count = 0;

        // 1 dupe
        while(count < nums.length - 1 - dupeCount){
            if(nums[count] == nums[count + 1]){
                // dupe + 1
                for(int j = count; j < nums.length - 1 - dupeCount; j++){
                    nums[j] = nums[j + 1];
                }
            }
        }
    }
}
```

```

        dupeCount += 1;
    } else {
        count += 1;
    }
}

// [ ] 1 [ ] out-of-bound
// [ ] + 1 [ ]
return count + 1;
}
}

```

[ ]...[ ] LeetCode [ ]

[ ] LeetCode [ ] unique index[ ] unique index[ ]

```

class Solution {
    public int removeDuplicates(int[] nums) {
        int uniqueIndex = 1;

        for(int i = 1; i < nums.length; i++){
            // [ ] uniqueIndex [ ]
            if(nums[i] != nums[i - 1]){
                nums[uniqueIndex] = nums[i];
                uniqueIndex++;
            }
        }

        return uniqueIndex;
    }
}

```

[ ]

[ ]

Revision #3

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