

# Remove Duplicates from Sorted Array

## Example :

**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).

```
class Solution {  
    public int removeDuplicates(int[] nums)  
{  
        if (nums.length == 0) return 0;  
        int i = 1;  
        for (int j = 1; j < nums.length; j++) {  
            if (nums[j] != nums[i - 1]) {  
                nums[i] = nums[j]; i++;  
            }  
        }  
    }  
}
```

```
}
```

```
}
```

```
return i;
```

```
}
```

```
}
```