

2. Remove duplicates from sorted array (LeetCode)

```
class Solution {  
public:  
    int removeDuplicates(vector<int>& nums) {  
        if (nums.empty()) return 0;  
  
        int k = 1;  
        for (int i = 1; i < nums.size(); i++) {  
            if (nums[i] != nums[i - 1]) {  
                nums[k] = nums[i];  
                k++;  
            }  
        }  
        return k;  
    }  
};
```

OUTPUT:

