

## TWO SUMS->

```
class Solution {
public:
    vector<int> twoSum(vector<int>& nums, int target) {
        vector<int> arr;
        int w,k;
        for(int i=0;i<nums.size();i++){
            for(int j=i+1;j<nums.size();j++){
                if(nums[i]+nums[j]==target){
                    w=i;
                    k=j;
                }
            }
        }
        arr.push_back(w);
        arr.push_back(k);
        return arr;
    }
};
```

## Remove Duplicates from Sorted Array

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

```
        return j;  
    }  
};
```