week01—习题

1.两数之和

```cpp
class Solution{
public:
    vector<int> twoSum(vector<int>& nums, int target){
        vector<int> ans;
        vector<int> temp;
        temp=nums;
        int n=temp.size();
        sort(temp.begin(), temp.end());

        int i=0, j=n-1;
        while(i<j){
            if (temp[i]+temp[j]>target) j--;
            else if (temp[i]+temp[j]<target) i++;
            else break;
        }
        if(i<j){
            for (int k=0; k<n; k++){
                if (i<n && nums[k]==temp[i])
                    ans.push_back(k), i=n;

                else if (j<n && nums[k]==temp[j])
                    ans.push_back(k), j=n;

                if (i==n && j==n) return ans;
            }
        }
        return ans;
    }
};
```

283.移动零

```cpp
class Solution {
public:
    void moveZeroes(vector<int>& nums) {
        for (int i=0, j=0; i<nums.size(); i++){
            if (nums[i]!=0) swap(nums[i], nums[j++]);
```

```
6            }
7        }
8    };
```