#15 days Dsa Coding challenge

Day 6

#Leetcode 167

Two sum ii - input array is sorted

Solution:

class Solution {

public:

vector<int> twoSum(vector<int>& nums, int target) {

int n=nums.size();

vector<int>ans;

int i=0,j=n-1;

while(i<j){

if(nums[i]+nums[j]==target){

ans.push\_back(i+1);

ans.push\_back(j+1);

}

if(nums[i]+nums[j]>target)

j--;

else

i++;

}

return ans;

}

};

Time Complexity:O(n)

Space Complexity:O(1)