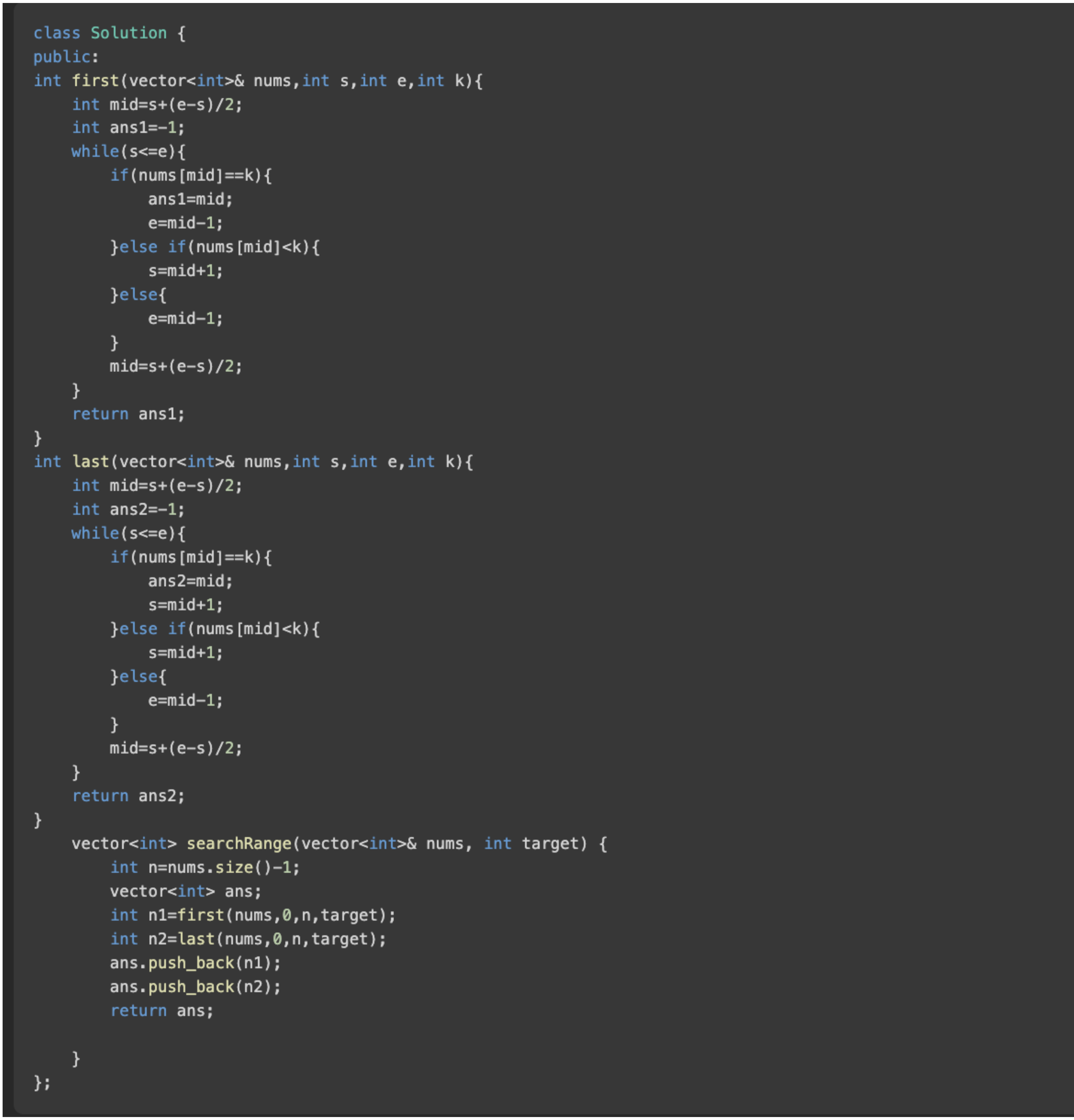
34. Find First and Last Position of Element in Sorted Array

Approaach -> bs;

When target is found store int and move to left side for findig the first occurence;

Same for last index just move right side when ellemnt found;



```
class Solution {
public:
int first(vector<int>& nums,int s,int e,int k){
    int mid=s+(e-s)/2;
    int ans1=-1;
    while(s<=e){
        if(nums[mid]==k){
            ans1=mid;
            e=mid-1;
        }else if(nums[mid]<k){
            s=mid+1;
        }else{
            e=mid-1;
        }
        mid=s+(e-s)/2;
    }
    return ans1;
}
int last(vector<int>& nums,int s,int e,int k){
    int mid=s+(e-s)/2;
    int ans2=-1;
    while(s<=e){
        if(nums[mid]==k){
            ans2=mid;
            s=mid+1;
        }else if(nums[mid]<k){
            s=mid+1;
        }else{
            e=mid-1;
        }
        mid=s+(e-s)/2;
    }
    return ans2;
}
    vector<int> searchRange(vector<int>& nums, int target) {
        int n=nums.size()-1;
        vector<int> ans;
        int n1=first(nums,0,n,target);
        int n2=last(nums,0,n,target);
        ans.push_back(n1);
        ans.push_back(n2);
        return ans;

    }
};
```