class Solution {

public:

int search(vector<int> nums,int s,int e,int target){

while(e>=s){

int mid=(s+e)/2;

if(nums[mid]==target)

return mid;

if(nums[mid]>target){

return search(nums,s,mid-1,target);

}

if(nums[mid]<target){

return search(nums,mid+1,e,target);

}

}

return -1;

}

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

int n=nums.size(),i;

int index=search(nums,0,n-1,target);

vector<int> v;

if(index==-1){

v.push\_back(-1);

v.push\_back(-1);

return v;

}

else{

for(i=index;i>0;i--){

if(nums[i]!=nums[i-1]){

break;

}

}

v.push\_back(i);

for(i=index;i<n-1;i++){

if(nums[i]!=nums[i+1]){

break;

}

}

v.push\_back(i);

}

return v;

}

};