#15 days Dsa Coding challenge

Day 6

#Leetcode 35

Search insert position

Solution:

class Solution {

public:

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

int l=0,r=nums.size()-1,m;

while(l<=r){

m=(l+r)/2;

if(target<=nums[m]){

r=m-1;

}

if(target>nums[m]){

l=m+1;

}

}

return l;

}

};

Time Complexity:O(log n)

Space Complexity:O(1)