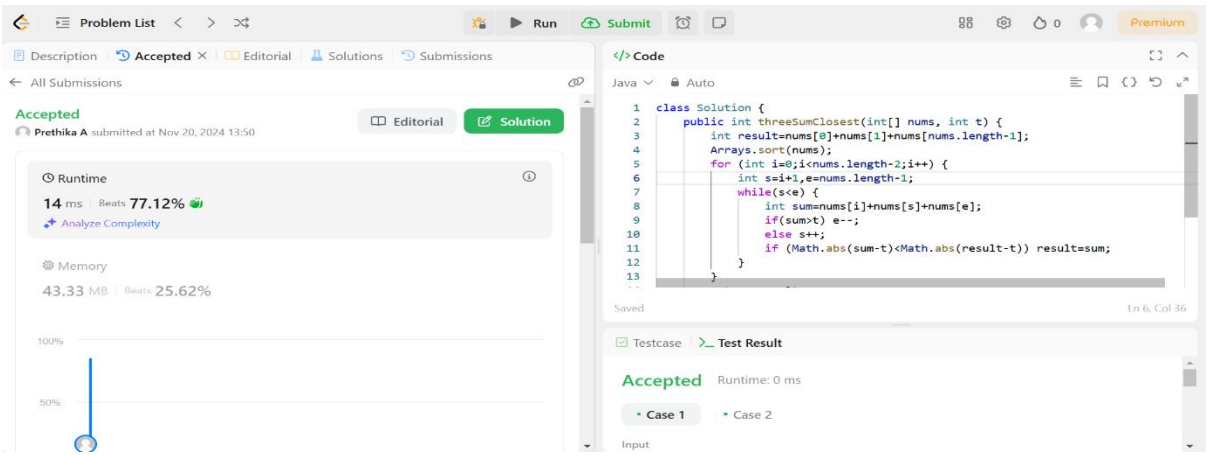
DSA Practice – 8

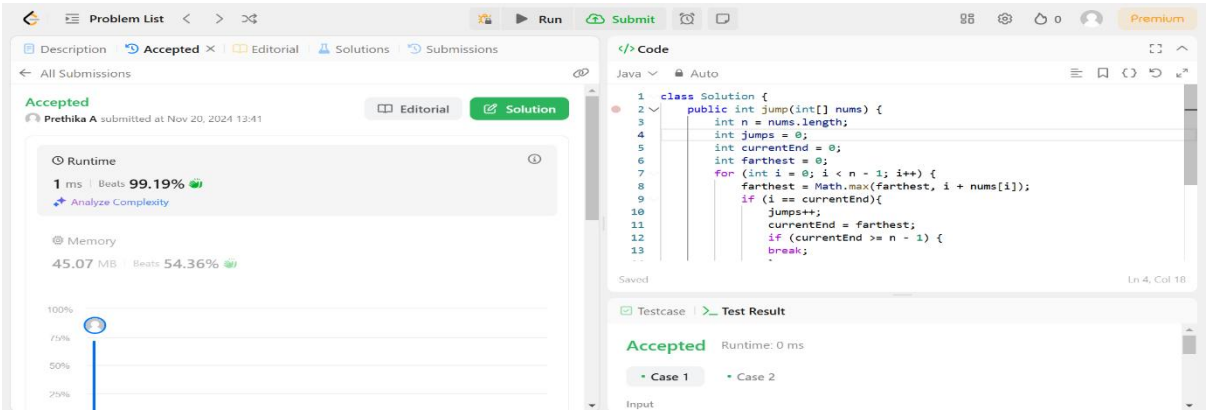
1.3Sum Closest

```
class Solution {
    public int threeSumClosest(int[] nums, int t) {
        int result=nums[0]+nums[1]+nums[nums.length-1];
        Arrays.sort(nums);
        for (int i=0;i<nums.length-2;i++) {
            int s=i+1,e=nums.length-1;
            while(s<e) {
                int sum=nums[i]+nums[s]+nums[e];
                if(sum>t) e--;
                else s++;
                if (Math.abs(sum-t)<Math.abs(result-t)) result=sum;
            }
        }
        return result;
    }
}
```

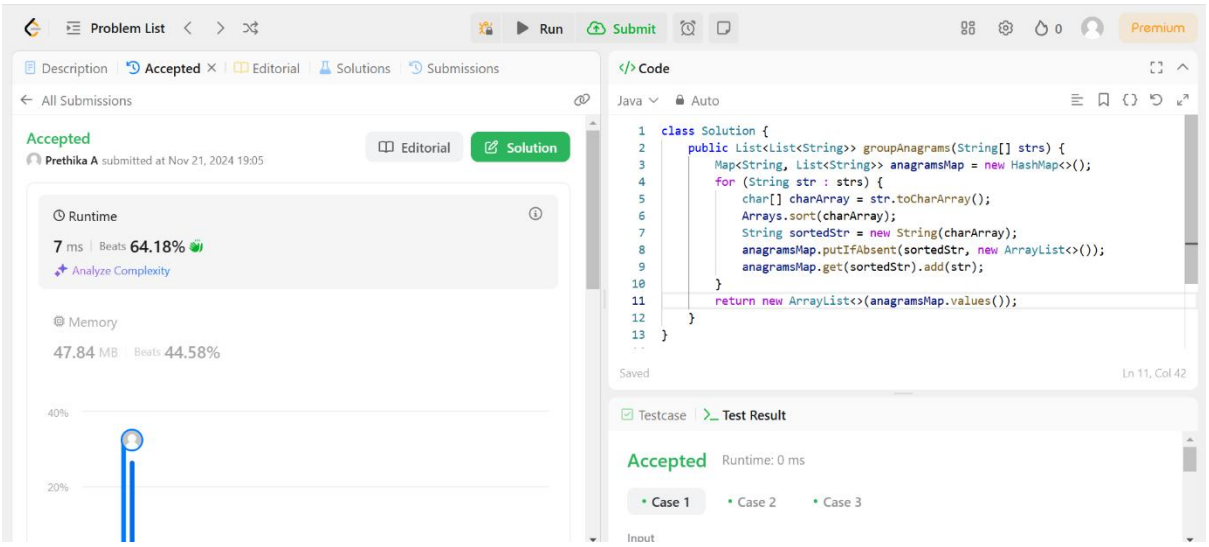


2.Jump Game II

```
class Solution {
    public int jump(int[] nums) {
        int n = nums.length;
        int jumps = 0;
        int currentEnd = 0;
        int farthest = 0;
        for (int i = 0; i < n - 1; i++) {
            farthest = Math.max(farthest, i + nums[i]);
            if (i == currentEnd){
                jumps++;
                currentEnd = farthest;
                if (currentEnd >= n - 1) {
                break;
                }
            }
        }
        return jumps;
    }
}
```



3.Group Anagrams



4.Best Time to Buy and Sell Stock II