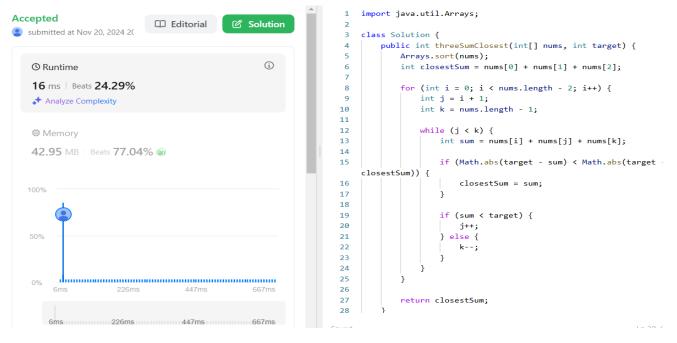
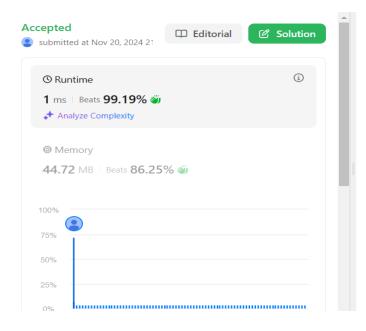
DSA PRACTICE PROBLEMS

20/11/2024

1. 3 Sum closest: TC: $O(N^2)$

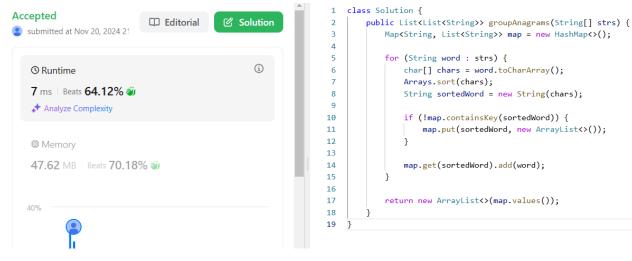


2.JUMP GAME II:



```
class Solution {
2
      public int jump(int[] arr) {
        int steps = 0;
 3
        int maxReach = 0;
 4
        int currentEnd = 0;
        for (int i = 0; i < arr.length - 1; ++i) {
          maxReach = Math.max(maxReach, i + arr[i]);
 8
          if (maxReach >= arr.length - 1) {
9
10
            ++steps;
11
12
          if (i == currentEnd) {
13
14
            ++steps;
15
            currentEnd = maxReach;
16
17
18
19
        return steps;
20
21
22
```

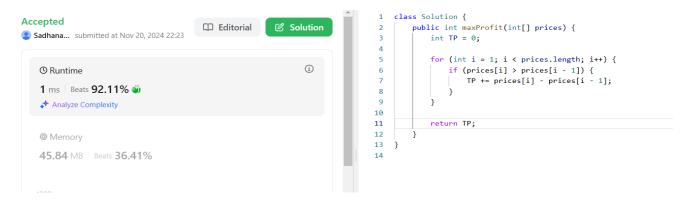
3.GROUP ANAGRAM:



4.DECODE WAYS:



5. Best Time to Buy and Sell Stock II:



6.NUMBER OF ISLANDS:

