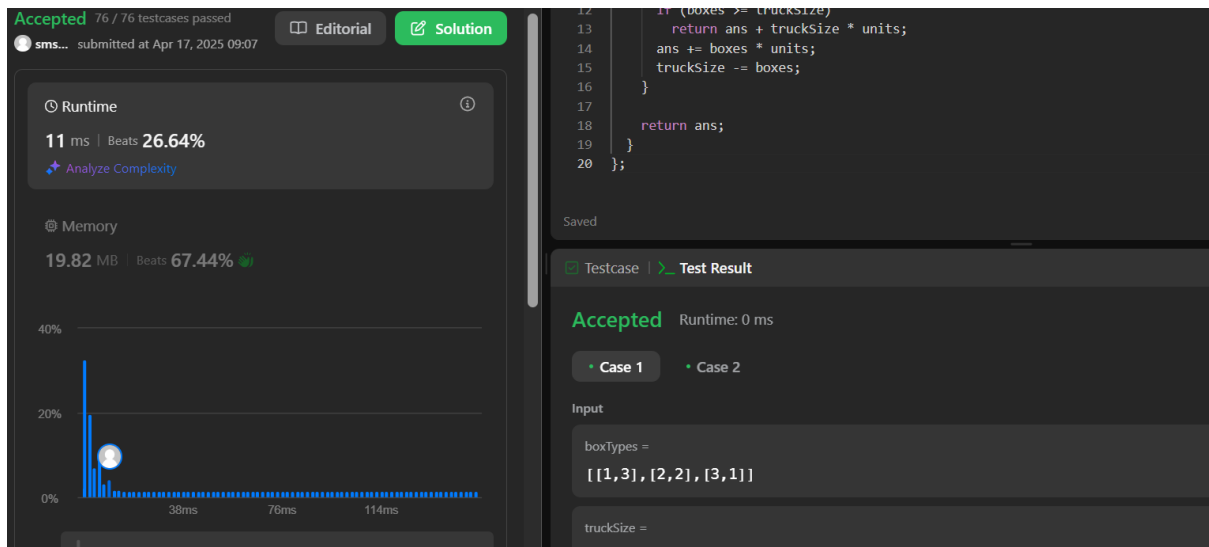
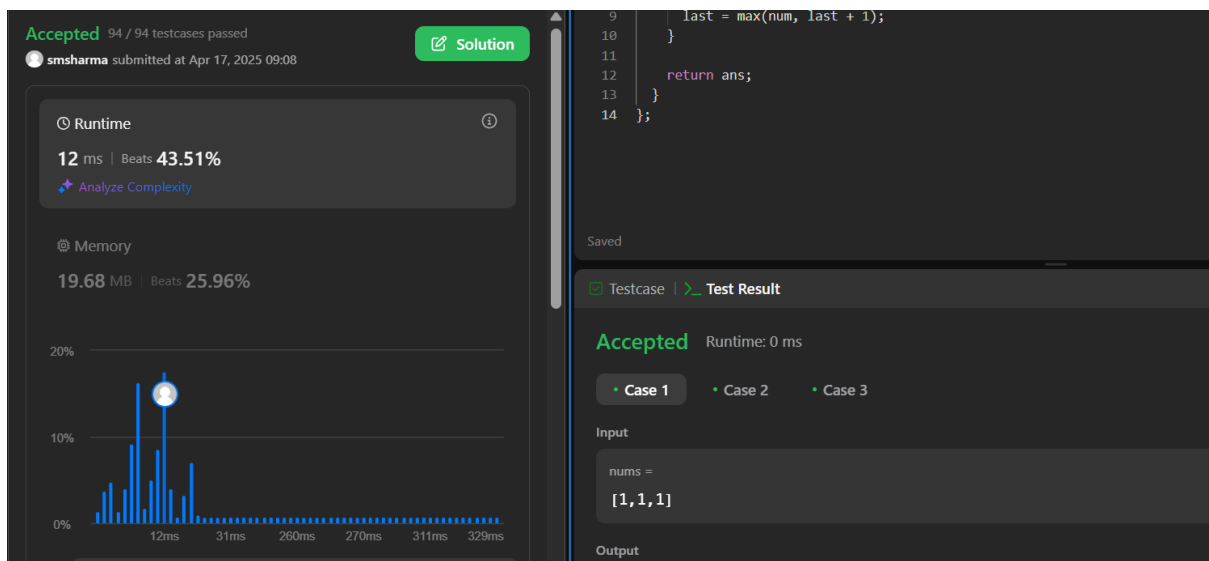


<https://leetcode.com/problems/maximum-units-on-a-truck/submissions/1609116876/?envType=problem-list-v2&envId=greedy>



<https://leetcode.com/problems/minimum-operations-to-make-the-array-increasing/submissions/1609117461/?envType=problem-list-v2&envId=greedy>



<https://leetcode.com/problems/remove-stones-to-minimize-the-total/submissions/1609118828/?envType=problem-list-v2&envId=greedy>

Accepted 60 / 60 testcases passed
sms... submitted at Apr 17, 2025 09:10

Editorial Solution

Runtime
192 ms | Beats 84.51%

Analyze Complexity

Memory
108.76 MB | Beats 40.85%

Testcase | Test Result

Accepted Runtime: 0 ms

Case 1 Case 2

Input

piles =
[5,4,9]

k =
2

```
1 class Solution {
2 public:
3     int minStoneSum(vector<int>& piles, int k) {
4         int ans = accumulate(piles.begin(), piles.end(), 0);
5         priority_queue<int> maxHeap;
6
7         for (const int pile : piles)
8             maxHeap.push(pile);
9
10        for (int i = 0; i < k; ++i) {
```

<https://leetcode.com/problems/maximum-score-from-removing-substrings/submissions/1609119797/?envType=problem-list-v2&envId=greedy>

Accepted 77 / 77 testcases passed
sms... submitted at Apr 17, 2025 09:11

Editorial Solution

Runtime
25 ms | Beats 77.31%

Analyze Complexity

Memory
28.44 MB | Beats 37.48%

Testcase | Test Result

Accepted Runtime: 2 ms

Case 1 Case 2

Input

s =
"cdbcbbaaabab"

x =

```
1 class Solution {
2 public:
3     int maximumGain(string s, int x, int y) {
4         // The assumption that gain("ab") > gain("ba") while removing "ba" first is
5         // optimal is contradicted. Only "b(ab)a" satisfies the condition of
6         // preventing two "ba" removals, but after removing "ab", we can still
7         // remove one "ba", resulting in a higher gain. Thus, removing "ba" first is
8         // not optimal.
9         return x > y ? gain(s, "ab", x, "ba", y) : gain(s, "ba", y, "ab", x);
10    }
```