nsquare_time_constant_space

✕   ↻

Raushan Kumar Jha
Jun 24, 2023 14:07

`Python3`

```
Last Executed Input

[10000,9999,9998,9997,9996,9995,9994,9993,9992,9991,9990,9989,9988,9987,9986,9985,9984,9983,9982,9981,9980,9979,9978,9
977,9976,9975,9974,9973,9972,9971,9970,9969,9968,9967,9966,9965,9964,9963,9962,996...
```

```python
# All imports
########################################################
from typing import List


class Solution:
    def __init__(self):
        pass
        ## YoU can have what ever you want here
        self.buyday = 0
        self.sellday = 0
        self.work = 0
        self.maxprofit = 0


    ##LEETCODE INTERFACE.  DO NOT CHANGE
    ## YOU CANNOT CHANGE ANYTHING
    def maxProfit(self, prices: List[int]) -> int:
        if True:
            [sellday, buyday, work] = self.nsquare_time_constant_space(prices)
        if False:
            [sellday, buyday, work] = self.nlogn_time_logn_space(prices)
        if False:
            [sellday, buyday, work] = self.ntime_constant_space(prices)
```

Console ⌄   🐞   Run   **Submit**

Testcase   **Result**   ⊟

Time Limit Exceeded   198 / 211 testcases passed

Last Executed Input   Use Testcase 📑

```
prices =

[10000,9999,9998,9997,9996,9995,9994,9993,9992,9991,9990,9989,9988,9987,9986,9985,9984,9983,9982,9981,9980,9979,9978,9977,9976,99
75,9974,9973,9972,9971,9970,9969,9968,9967,9966,9965,9964,9963,9962,9961,9960,9959,9958,9957,9956,9955,9954,9953,9952,9951,9950,9
949,9948,9947,9946,9945,9944,9943,9942,9941,9940,9939,9938,9937,9936,9935,9934,9933,9932,9931,9930,9929,9928,9927,9926,9925,9924,
9923,9922,9921,9920,9919,9918,9917,9916,9915,9914,9913,9912,9911,9910,9909,9908,9907,9906,9905,9904,9903,9902,9901,9900,9899,989
8,9897,9896,9895,9894,9893,9892,9891,9890,9889,9888,9887,9886,9885,9884,9883,9882,9881,9880,9879,9878,9877,9876,9875,9874,9873,98
72,9871,9870,9869,9868,9867,9866,9865,9864,9863,9862,9861,9860,9859,9858,9857,9856,9855,9854,9853,9852,9851,9850,9849,9848,9847,9
```

Console ⌄   🐞   Run   **Submit**

nlogn_time_logn_space

Raushan Kumar Jha
Jun 24, 2023 14:12

Details   + Solution

Python3

Runtime 2439 ms   Beats 5.3%   Memory 27.5 MB   Beats 22.7%

Click the distribution chart to view more details

Notes

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Related Tags

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```python
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        if True:
            [sellday, buyday, work] = self.nlogn_time_logn_space(prices)
        if False:
```

ntime_constant_space

Raushan Kumar Jha
Jun 24, 2023 14:13

Details   + Solution

Python3

Runtime 1028 ms   Beats 53.38%   Memory 27.7 MB   Beats 22.7%

Click the distribution chart to view more details

Notes

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Console ⌃   ⚙ Run   Submit