

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1Solution 2

```
1 # Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 # O(nk) time | O(nk) space
4 def maxProfitWithKTransactions(prices, k):
5     if not len(prices):
6         return 0
7     profits = [[0 for d in prices] for t in range(k + 1)]
8     for t in range(1, k + 1):
9         maxThusFar = float("-inf")
10        for d in range(1, len(prices)):
11            maxThusFar = max(maxThusFar, profits[t - 1][d - 1] - price
12            profits[t][d] = max(profits[t][d - 1], maxThusFar + prices
13    return profits[-1][-1]
14
```

Solution 1Solution 2Solution 3

```
1 def maxProfitWithKTransactions(prices, k):
2     # Write your code here.
3     pass
4
```

Our Tests

Custom Output

Submit Code

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