Our Solution(s)   Run Code

Solution 1   **Solution 2**

```python
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
```

Your Solutions   Run Code

Solution 1   **Solution 2**   **Solution 3**

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

Our Tests

Custom Output   Submit Code

Run or submit code when you're ready.