Our Solution(s) Run Code

Solution 1 Solution 2

```swift
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class Program {
    // O(nk) time | O(nk) space
    func maxProfitWithKTransactions(_ prices: [Int], _ k: Int) -> Int {
        if prices.count == 0 {
            return 0
        }

        var profits = [[Int]]()

        for _ in stride(from: 0, through: k, by: 1) {
            let row = Array(repeating: 0, count: prices.count)
            profits.append(row)
        }

        for transaction in stride(from: 1, through: k, by: 1) {
            var maxProfitThusFar = Int.min

            for day in stride(from: 1, to: prices.count, by: 1) {
                maxProfitThusFar = max(maxProfitThusFar, profits[trans
                profits[transaction][day] = max(profits[transaction][d
            }
        }

        return profits[k][prices.count - 1]
    }
}
```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```swift
class Program {
    func maxProfitWithKTransactions(_ prices: [Int], _ k: Int) -> Int
        // Write your code here.
        return -1
    }
}
```

Our Tests

Custom Output Submit Code

Run or submit code when you're ready.