```python
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# O(nk) time | O(n) space
def maxProfitWithKTransactions(prices, k):
    if not len(prices):
        return 0
    evenProfits = [0 for d in prices]
    oddProfits = [0 for d in prices]
    for t in range(1, k + 1):
        maxThusFar = float("-inf")
        if t % 2 == 1:
            currentProfits = oddProfits
            previousProfits = evenProfits
        else:
            currentProfits = evenProfits
            previousProfits = oddProfits
        for d in range(1, len(prices)):
            maxThusFar = max(maxThusFar, previousProfits[d - 1] - prices[d - 1])
            currentProfits[d] = max(currentProfits[d - 1], maxThusFar + prices[d])
    return evenProfits[-1] if k % 2 == 0 else oddProfits[-1]

```