Here on 1 dp table we will work on

Now go from right of the array and find max profit

profit[i] = max(profit[i + 1], max\_so\_far - price[i]); ->sol

now dp table will be filled

now go from left of array and with same dp table find max profit combined

 profit[i] = max(profit[i - 1], (price[i] - min\_so\_far) + profit[i]);

this dp max profit gives us max profit for 2 times.

See for array={3,5,0,1,4}

From right->4 4 4 3 0

Now from left->

Optimal sol:

https://www.geeksforgeeks.org/maximum-profit-by-buying-and-selling-a-stock-at-most-twice-set-2/?ref=rp