**Justin\_Array\_Greedy\_0122\_Best Time to Buy and Sell Stock II**

**Concept:**

一旦發現現在的值比 Max 小，則回傳收入

發現現在的值比 Max 大，則修改 Max

發現現在的值比 Min 小，則修改 Min

**Code:**

class Solution:

def maxProfit(self, prices: List[int]) -> int:

min\_value = prices[0]

max\_value = 0

earn = 0

for i in range(1, len(prices)):

if prices[i] < max\_value:

earn += max\_value - min\_value

min\_value = prices[i]

max\_value = 0

continue

elif prices[i] > max\_value:

max\_value = prices[i]

if prices[i] < min\_value:

min\_value = prices[i]

if max\_value - min\_value > 0:

earn += max\_value - min\_value

return earn