Team B

Solution.py

def maxProfit(prices)->int:

    minp=prices[0]

    maxp=0;

    for i in range(1,len(prices)):

        if prices[i]<minp:

            minp=prices[i]

        maxp=max(maxp,prices[i]-minp)

    return maxp

list=[7,1,5,3,6,4]

print(maxProfit(list))

this program is created using python. In this we are first taking out the maximum and minimum price and then subtracting those to find the solution. We used for loop in this and given the range as 1 to length of the price in for loop. Then we are comparing that if any price I is less than the minimum then I is minimum and then we are subtracting that minimum from the maximum. And the returning maximum value. Like maximum is 7 and minimum is 1 then we subtract 6 from 1 as we can sell on the same day.