best time to buy and sell stock

```python
class Solution:
    def maxProfit(self, prices: List[int]) -> int:
        min_price=prices[0]
        max_profit=0
        for i in range(1,len(prices)):
            if prices[i]<=min_price:
                min_price=prices[i]
            else:
                max_profit=max(max_profit,profit=prices[i]-min_price)
        return max_profit
```

 single number

```python
class Solution:
    def singleNumber(self, nums: List[int]) -> int:
        s={}
        for x in nums:
            s[x]=s.get(x,0)+1
        for x in s :
            if s[x]==1:
                return x
```