```
class Solution:
    def missingNumber(self, nums: List[int]):
                n = len(nums)
                expected_sum = n * (n + 1) // 2
                actual_sum = sum(nums)
                return expected_sum - actual_sum

nums = [0, 1, 3]
missingNumber(nums)
print(f"The missing number in the array{nums}:",missingNumber(nums))
```

```
class Solution:
    def maxProfit(self, prices: List[int]) -> int:
        prices=list()
        min_price = float('inf')
        max_profit = 0
    for price in prices:
        if price < min_price:
            min_price = price
        else:
            max_profit = max(max_profit, price - min_price)
    print(max_profit)
```