```java
class Solution {
    public int maxProfit(int[] prices) {
        int minprice = Integer.MAX_VALUE;
        int maxprofit = 0;
        for (int i = 0; i < prices.length; i++) {
            if (prices[i] < minprice)
                minprice = prices[i];
            else if (prices[i] - minprice > maxprofit)
                maxprofit = prices[i] - minprice;
        }
        return maxprofit;
    }
}
```

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{

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    {

        int minprice = integer.MAX_VALUE;
        int  maxprofit = 0;
        for(int i = 0;i < prices.length;i++)
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            if(prices[i] < minprice)
                minprice = prices[i];
            else if(prices[i]-minprice>maxprofit)
                maxprofit = prices[i]-minprice;
        }
    }

    return maxprofit;

}
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