

Best Time to Buy and Sell Stock

```
import java.util.*;
import java.lang.Math.*;
class Main
{
    public static int stocks(int prices[])
    {
        int minprice=prices[0];
        int maxprofit=0;
        int n = prices.length;
        for(int i=1;i<n;i++)
        {
            if(prices[i]<minprice)
            {
                minprice=prices[i];
            }
            else
            {
                maxprofit=Math.max(prices[i]-minprice,maxprofit);
            }
        }
        return maxprofit;
    }
    public static void main(String[] args)
    {
        Main m = new Main();
        int prices[] = {7,1,5,3,6,4};
        System.out.println(m.stocks(prices));
    }
}
```