

```

class Solution
{
    public int Profit(int[] prices)
    {
        int lowest=Integer.MAX_VALUE;
        int output=0;
        int pist=0;

        for(int i=0;i<prices.length;i++)
        {
            if(prices[i]<lowest)
            {
                lowest=prices[i];
            }
            pist=prices[i]-lowest;
            if(output<pist)
            {
                output=pist;
            }
            return output;
        }
    }
}

public class Main
{
    public static void main(String[] args) {
        int prices[]=new int[]{7,1,5,3,6,4};
    }
}

```