Best Time to Buy and Sell Stock

Say you have an array for which the *i*th element is the price of a given stock on day *i*.

If you were only permitted to complete at most one transaction (ie, buy one and sell one share of the stock), design an algorithm to find the maximum profit.

思路：设两个变量，最大利润和最小价格。

遍历数组，每次计算当前最大利润 当前价格 – 最小价格和最大利润中最大值，再设置最小价格。