Imagine that now you can predict the prices for shares of one company the next number of days. So, you receive the array of share prices for next days.

Now each day you can:
- Buy 1 share
- Sell any numbers of shares you have
- Do nothing

You need to count the maximum profit you can receive in this case.

Example:

1. Prices = [1, 2]
   Profit = 1.
   You will buy 1 share in day 1 for price 1 and sell it in day 2 for price 2 (profit = 2 − 1 = 1)
2. Prices = [1, 2, 3]
   Profit = 3
   You will buy 2 shares in day 1 (for price 1) and in day 2 (for price 2) and sell them both in day 3 for price 3 (profit = (3 − 1) + (3 − 2) = 3)