121. Best time to buy & sell stocks :-

→ prices[i] represents the price of the stock on i^{th} day.
→ You can buy only one stock on a single day & sell it later.
→ Buy when the stock price is the cheapest & sell only when max profit is available

* Examples :-

Input : prices = [7, 1, 5, 3, 6, 4]
Output : 5

Input : prices = [7, 6, 4, 3, 1]
Output : 5

* Solution :-

→ We can only buy when the stock price is the cheapest.
→ Assume the first element to be the cheapest prices because we haven't seen other elements.
→ Iterate over the array from the second element.
→ If the current price is cheaper compared to the previous, then the cheapest price = current element. This is when we buy the stock.
→ If the current price is greater than the cheapest price, it can be a possible day to sell. provided we get the maximum possible profit.
→ So, initially the maximum profit will be 0.
→ Calculate the profit = currentPrice − currentMinPrice.
→ Check if this is the maximum possible profit.

Time Complexity :- O(n)
Space complexity :- O(1)