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Week 1: April 1st–April 7th ▼

Problems appear at midnight, Pacific



Single Number



Happy Number



Maximum Subarray



Move Zeroes



Best Time to Buy and Sell ...



Group Anagrams



Week 2: April 8th–April 14th ▶

The first problem for this section will



Best Time to Buy and Sell Stock II

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

Design an algorithm to find the maximum profit. You may complete as many transactions as you like (i.e., buy one and sell one share of the stock multiple times).

Note: You may not engage in multiple transactions at the same time (i.e., you must sell the stock before you buy again).

Example 1:

Input: [7,1,5,3,6,4]**Output:** 7**Explanation:** Buy on day 2 (price = 1) and sell on day 4 (price = 6). Then buy on day 4 (price = 3) and sell on day 5 (price = 6).

Example 2:

Input: [1,2,3,4,5]**Output:** 4**Explanation:** Buy on day 1 (price = 1) and sell on day 2 (price = 2), then buy on day 2 (price = 2) and sell on day 3 (price = 3), then buy on day 3 (price = 3) and sell on day 4 (price = 4), then buy on day 4 (price = 4) and sell on day 5 (price = 5). Note that you cannot engage in multiple transactions at the same time (buying before selling).

Example 3:



Week 3: April 15th–April 21st ▶

The first problem for this section will



Week 4: April 22nd–April 28th ▶

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Input: [7,6,4,3,1]

Output: 0

Explanation: In this case, no tra