Question: _

Max Profit With K Transactions

You are given an array of integers representing the prices of a single stock on various days (each index in the array represents a different day). You are also given an integer k, which represents the number of transactions you are allowed to make. One transaction consists of buying the stock on a given day and selling it on another, later day. Write a function that returns the maximum profit that you can make buying and selling the stock, given k transactions. Note that you can only hold 1 share of the stock at a time; in other words, you cannot buy more than 1 share of the stock on any given day, and you cannot buy a share of the stock if you are still holding another share.

Sample input: [5, 11, 3, 50, 60, 90], 2
Sample output: 93 (Buy: 5, Sell: 11; Buy: 3, Sell: 90)

Input: Your Solution Our Solution Run Code

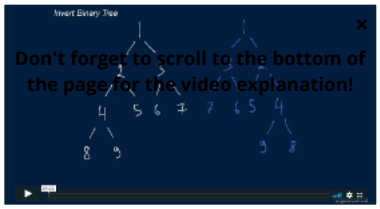
```
function maxProfitWithKTransactions(prices, k) {
  // Write your code here.
}

// Do not edit the line below.
exports.maxProfitWithKTransactions = maxProfitWithKTransactions;
```

Output: Custom Output Raw Output

Run your code when you feel ready.

Help: Hide Show

Tests: Our Tests Your Tests Hide Show




# Video Explanation

Go to Code Walkthrough

Questions List (/questions)