

Modify Prices

🏆 Points: 50  10 test cases (1 sample)

Coding 

EASY

Hashing

Algorithms

Core Skills

Problem Solving

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 Insights

Michael is a shop owner who keeps a list of the name and sale price for each item in the store's inventory. At each sale, his employees record the name and sale price of each item sold. Michael suspects his manager, Alex, of embezzling money by modifying the sale price of some of the items. Write a program that finds the number of times Alex recorded an incorrect sale price.

Function Description

Complete the function `verifyItems` in the editor below. The function must return an integer denoting the number of sale prices incorrectly recorded by Alex.

`verifyItems` has the following parameter(s):

`origItems[origItems[0],...,origItems[n-1]]`: an array of n strings, where each `origItems[i]` is the name of an item in inventory
`origPrices[origPrices[0],...,origPrices[n-1]]`: an array of n floating point numbers, where each `origPrices[i]` is the price of `origItems[i]`
`items[items[0],...,items[m-1]]`: an array of m strings containing the name of each `item[j]` sold by Alex
`prices[prices[0],...,prices[m-1]]`: An array of floating-point numbers, where each `prices[j]` contains the sale price recorded by Alex for `items[j]`.

Constraints

- $1 \leq n \leq 10^5$
- $1 \leq m \leq n$
- $1.00 \leq \text{origPrices}[i], \text{prices}[j] \leq 100000.00$, where $0 \leq i < n$, and $0 \leq j < m$

► Input Format for Custom Testing

► Sample Case 0

► Sample Case 1