

1169. Invalid Transactions

Description

A transaction is possibly invalid if:

- the amount exceeds `$1000` , or;
- if it occurs within (and including) `60` minutes of another transaction with the **same name** in a **different city** .

You are given an array of strings `transaction` where `transactions[i]` consists of comma-separated values representing the name, time (in minutes), amount, and city of the transaction.

Return a list of `transactions` that are possibly invalid. You may return the answer in **any order** .

Example 1:

Input: `transactions = ["alice,20,800,mtv","alice,50,100,beijing"]`
Output: `["alice,20,800,mtv","alice,50,100,beijing"]`
Explanation: The first transaction is invalid because the second transaction occurs within a difference of 60 minutes, have the same name and is in a different city. Similarly the second one is invalid too.

Example 2:

Input: `transactions = ["alice,20,800,mtv","alice,50,1200,mtv"]`
Output: `["alice,50,1200,mtv"]`

Example 3:

Input: `transactions = ["alice,20,800,mtv","bob,50,1200,mtv"]`
Output: `["bob,50,1200,mtv"]`

Constraints:

- `transactions.length <= 1000`
- Each `transactions[i]` takes the form `"{name},{time},{amount},{city}"`
- Each `{name}` and `{city}` consist of lowercase English letters, and have lengths between `1` and `10` .
- Each `{time}` consist of digits, and represent an integer between `0` and `1000` .
- Each `{amount}` consist of digits, and represent an integer between `0` and `2000` .

