You are given two string arrays username and website and an integer array timestamp. All the given arrays are of the same length and the tuple [username[i], website[i], timestamp[i]] indicates that the user username[i] visited the website website[i] at time timestamp[i].

A **pattern** is a list of three websites (not necessarily distinct).

* For example, ["home", "away", "love"], ["leetcode", "love", "leetcode"], and ["luffy", "luffy", "luffy"] are all patterns.

The **score** of a **pattern** is the number of users that visited all the websites in the pattern in the same order they appeared in the pattern.

* For example, if the pattern is ["home", "away", "love"], the score is the number of users x such that x visited "home" then visited "away" and visited "love" after that.
* Similarly, if the pattern is ["leetcode", "love", "leetcode"], the score is the number of users x such that x visited "leetcode" then visited "love" and visited "leetcode" **one more time** after that.
* Also, if the pattern is ["luffy", "luffy", "luffy"], the score is the number of users x such that x visited "luffy" three different times at different timestamps.

Return *the* ***pattern*** *with the largest* ***score***. If there is more than one pattern with the same largest score, return the lexicographically smallest such pattern.

**Example 1:**

Input: username = ["joe","joe","joe","james","james","james","james","mary","mary","mary"], timestamp = [1,2,3,4,5,6,7,8,9,10], website = ["home","about","career","home","cart","maps","home","home","about","career"]  
Output: ["home","about","career"]  
Explanation: The tuples in this example are:  
["joe","home",1],["joe","about",2],["joe","career",3],["james","home",4],["james","cart",5],["james","maps",6],["james","home",7],["mary","home",8],["mary","about",9], and ["mary","career",10].  
The pattern ("home", "about", "career") has score 2 (joe and mary).  
The pattern ("home", "cart", "maps") has score 1 (james).  
The pattern ("home", "cart", "home") has score 1 (james).  
The pattern ("home", "maps", "home") has score 1 (james).  
The pattern ("cart", "maps", "home") has score 1 (james).  
The pattern ("home", "home", "home") has score 0 (no user visited home 3 times).

**Example 2:**

Input: username = ["ua","ua","ua","ub","ub","ub"], timestamp = [1,2,3,4,5,6], website = ["a","b","a","a","b","c"]  
Output: ["a","b","a"]

**Constraints:**

* 3 <= username.length <= 50
* 1 <= username[i].length <= 10
* timestamp.length == username.length
* 1 <= timestamp[i] <= 109
* website.length == username.length
* 1 <= website[i].length <= 10
* username[i] and website[i] consist of lowercase English letters.
* It is guaranteed that there is at least one user who visited at least three websites.
* All the tuples [username[i], timestamp[i], website[i]] are **unique**.