

2284. Sender With Largest Word Count

Description

You have a chat log of `n` messages. You are given two string arrays `messages` and `senders` where `messages[i]` is a **message** sent by `senders[i]`.

A **message** is list of **words** that are separated by a single space with no leading or trailing spaces. The **word count** of a sender is the total number of **words** sent by the sender. Note that a sender may send more than one message.

Return *the sender with the **largest word count***. If there is more than one sender with the largest word count, return *the one with the **lexicographically largest name***.

Note:

- Uppercase letters come before lowercase letters in lexicographical order.
- `"Alice"` and `"alice"` are distinct.

Example 1:

```
Input: messages = ["Hello userTwooo","Hi userThree","Wonderful day Alice","Nice day userThree"], senders = ["Alice","userTwo","userThree","Alice"]
Output: "Alice"
Explanation: Alice sends a total of 2 + 3 = 5 words.
userTwo sends a total of 2 words.
userThree sends a total of 3 words.
Since Alice has the largest word count, we return "Alice".
```

Example 2:

```
Input: messages = ["How is leetcode for everyone","Leetcode is useful for practice"], senders = ["Bob","Charlie"]
Output: "Charlie"
Explanation: Bob sends a total of 5 words.
Charlie sends a total of 5 words.
Since there is a tie for the largest word count, we return the sender with the lexicographically larger name, Charlie.
```

Constraints:

- `n == messages.length == senders.length`
- `1 <= n <= 104`
- `1 <= messages[i].length <= 100`
- `1 <= senders[i].length <= 10`
- `messages[i]` consists of uppercase and lowercase English letters and `' '`.
- All the words in `messages[i]` are separated by a **single space**.
- `messages[i]` does not have leading or trailing spaces.
- `senders[i]` consists of uppercase and lowercase English letters only.

