

6084. Sender With Largest Word Count

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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.

User Accepted:	4387
User Tried:	5208
Total Accepted:	4402
Total Submissions:	6934
Difficulty:	Medium

Example 1:

**Input:** messages = ["Hello userTwoo","Hi userThree","Wonderful day Alice","Nice day userThree"], senders = ["Alice","userTwo","userThree"]  
**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.

JavaScript

```
1 const ord = (c) => c.charCodeAt();
2 const isLowerCase = (c) => { let x = ord(c); return x >= 97 && x <= 122; };
3 const addOneOrManyMap = (m, x, cnt = 1) => m.set(x, m.get(x) + cnt || cnt);
4 const stmvalue_de = (m) => new Map([...m].sort((x, y) => {
5     if (x[1] == y[1]) {
6         let sx = x[0], sy = y[0], n = Math.min(sx.length, sy.length);
7         for (let i = 0; i < n; i++) {
8             let cx = sx[i], cy = sy[i];
9             if (cx != cy) {
10                 if (isLowerCase(cx)) {
11                     if (isLowerCase(cy)) {
12                         return cy.localeCompare(cx);
13                     } else {
14                         return -1;
15                     }
16                 } else {
```

```

17  if (isLowerCase(cy)) {
18      return 1;
19  } else {
20      return cy.localeCompare(cx);
21  }
22  }
23  }
24  }
25  return 0;
26  }
27  return y[1] - x[1];
28  });
29
30  const largestWordCount = (messages, senders) => {
31      let n = messages.length, m = new Map();
32      for (let i = 0; i < n; i++) {
33          let cnt = messages[i].split(" ").length;
34          addOneOrManyMap(m, senders[i], cnt);
35      }
36      m = stmvalue_de(m);
37      return m.keys().next().value;
38  };

```

☒ Custom Testcase[Use Example Testcases](#)

```


["Hello userTwooo","Hi userThree","Wonderful day Alice","Nice day userThree"]
["Alice","userTwo","userThree","Alice"]
["How is leetcode for everyone","Leetcode is useful for practice"]
["Bob","Charlie"]

```

[? How to create a testcase](#)[Run](#)[Submit](#)Submission Result: **Accepted** (/submissions/detail/709063741/) [?](#)[More Details](#) (/submissions/detail/709063741/)

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