

5898. Kth Distinct String in an Array

My Submissions (/contest/biweekly-contest-64/problems/kth-distinct-string-in-an-array/submissions/)

Back to Contest (/contest/biweekly-contest-64/)

A **distinct string** is a string that is present only **once** in an array.

Given an array of strings `arr`, and an integer `k`, return the  $k^{\text{th}}$  **distinct string** present in `arr`. If there are **fewer** than `k` distinct strings, return an **empty string** `""`.

Note that the strings are considered in the **order in which they appear** in the array.

Example 1:

**Input:** `arr = ["d","b","c","b","c","a"], k = 2`  
**Output:** `"a"`  
**Explanation:**  
The only distinct strings in `arr` are `"d"` and `"a"`.  
`"d"` appears 1<sup>st</sup>, so it is the 1<sup>st</sup> distinct string.  
`"a"` appears 2<sup>nd</sup>, so it is the 2<sup>nd</sup> distinct string.  
Since `k == 2`, `"a"` is returned.

Example 2:

**Input:** `arr = ["aaa","aa","a"], k = 1`  
**Output:** `"aaa"`  
**Explanation:**  
All strings in `arr` are distinct, so the 1<sup>st</sup> string `"aaa"` is returned.

Example 3:

**Input:** `arr = ["a","b","a"], k = 3`  
**Output:** `""`  
**Explanation:**  
The only distinct string is `"b"`. Since there are fewer than 3 distinct strings, we return an empty string `""`.

Constraints:

- `1 <= k <= arr.length <= 1000`
- `1 <= arr[i].length <= 5`
- `arr[i]` consists of lowercase English letters.

JavaScript

```
1 const counter = (a_or_s) => { let map = new Map(); for (const i of a_or_s) map.set(i, map.get(i) + 1 || 1); return map; };
2
3 const kthDistinct = (a, k) => {
4   let m = counter(a);
5   let i = 1;
6   for (const [s, occ] of m) {
7     if (occ == 1) {
8       if (i == k) return s;
9       i++;
10    }
11  }
12  return '';
13 };
```

☐ Custom Testcase

Use Example Testcases

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1