

5689. Count Items Matching a Rule

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You are given an array `items`, where each `items[i] = [typei, colori, namei]` describes the type, color, and name of the `i`th item. You are also given a rule represented by two strings, `ruleKey` and `ruleValue`.

The `i`th item is said to match the rule if **one** of the following is true:

- `ruleKey == "type"` and `ruleValue == typei`.
- `ruleKey == "color"` and `ruleValue == colori`.
- `ruleKey == "name"` and `ruleValue == namei`.

Return the number of items that match the given rule.

| | |
|--------------------|------|
| User Accepted: | 2683 |
| User Tried: | 2724 |
| Total Accepted: | 2701 |
| Total Submissions: | 2836 |
| Difficulty: | Easy |

Example 1:

```
Input: items = [{"phone","blue","pixel"}, {"computer","silver","lenovo"}, {"phone","gold","iphone"}], ruleKey = "color", ruleValue = "silver"
Output: 1
Explanation: There is only one item matching the given rule, which is ["computer","silver","lenovo"].
```

Example 2:


```
Input: items = [{"phone","blue","pixel"}, {"computer","silver","phone"}, {"phone","gold","iphone"}], ruleKey = "type", ruleValue = "phone"
Output: 2
Explanation: There are only two items matching the given rule, which are ["phone","blue","pixel"] and ["phone","gold","iphone"]. Note that the
```

Constraints:

- 1 <= items.length <= 10⁴
- 1 <= type_i.length, color_i.length, name_i.length, ruleValue.length <= 10
- ruleKey is equal to either "type", "color", or "name".
- All strings consist only of lowercase letters.

JavaScript

```
1 /**
2  * @param {string[][]} items
3  * @param {string} ruleKey
4  * @param {string} ruleValue
5  * @return {number}
6  */
7 const countMatches = (items, rk, rv) => {
8   let res = 0;
9   for (const e of items) {
10    if (rk == 'type' && e[0] == rv) {
11      res++;
12    } else if (rk == 'color' && e[1] == rv) {
13      res++;
14    } else if (rk == 'name' && e[2] == rv) {
15      res++;
16    }
17  }
18  return res;
19 };
```

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