

6125. Equal Row and Column Pairs

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Given a **0-indexed** $n \times n$ integer matrix `grid`, return the number of pairs (R_i, C_j) such that row R_i and column C_j are equal.

A row and column pair is considered equal if they contain the same elements in the same order (i.e. an equal array).

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Medium

Example 1:

3	2	1
1	7	6
2	7	7

Input: `grid = [[3,2,1],[1,7,6],[2,7,7]]`
Output: 1
Explanation: There is 1 equal row and column pair:
- (Row 2, Column 1): `[2,7,7]`

Example 2:

3	1	2	2
1	4	4	5
2	4	2	2
2	4	2	2

Input: `grid = [[3,1,2,2],[1,4,4,5],[2,4,2,2],[2,4,2,2]]`
Output: 3
Explanation: There are 3 equal row and column pairs:
- (Row 0, Column 0): `[3,1,2,2]`
- (Row 2, Column 2): `[2,4,2,2]`
- (Row 3, Column 2): `[2,4,2,2]`

Constraints:

- $n == \text{grid.length} == \text{grid}[i].\text{length}$
- $1 \leq n \leq 200$
- $1 \leq \text{grid}[i][j] \leq 10^5$

JavaScript

📄 ↺ ⚙

```
1 const aeq = (a, b) => a.length === b.length && a.every((v, i) => v === b[i]);
2
3 const equalPairs = (g) => {
4   let n = g.length, m = g[0].length, res = 0;
5   for (let i = 0; i < n; i++) {
6     let col = [];
7     for (let j = 0; j < m; j++) col.push(g[j][i])
8     for (const row of g) {
9       if (aeq(row, col)) res++;
10    }
11  }
12  return res;
13 };
```

☐ Custom Testcase

Use Example Testcases

Run

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Submission Result: **Accepted** (/submissions/detail/755011538/) ⓘ

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