# 5976. Check if Every Row and Column Contains All Numbers

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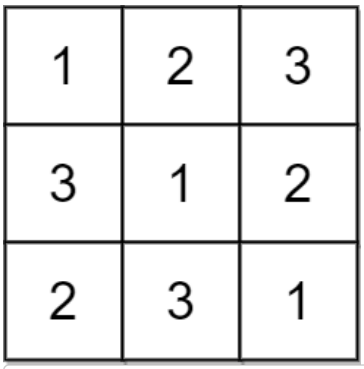
An `n x n` matrix is **valid** if every row and every column contains **all** the integers from `1` to `n` (**inclusive**).

Given an `n x n` integer matrix `matrix`, return `true` *if the matrix is* ***valid****.* Otherwise, return `false`.

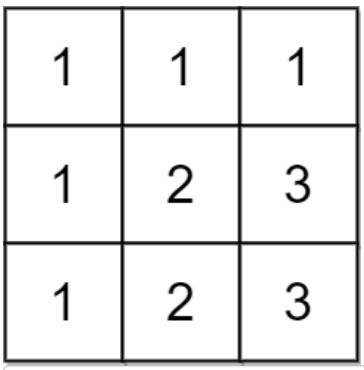
| | |
|---|---|
| User Accepted: | 4691 |
| User Tried: | 5775 |
| Total Accepted: | 4742 |
| Total Submissions: | 8822 |
| Difficulty: | Easy |

**Example 1:**




```
Input: matrix = [[1,2,3],[3,1,2],[2,3,1]]
Output: true
Explanation: In this case, n = 3, and every row and column contains the numbers 1, 2, and 3.
Hence, we return true.
```

**Example 2:**




```
Input: matrix = [[1,1,1],[1,2,3],[1,2,3]]
Output: false
Explanation: In this case, n = 3, but the first row and the first column do not contain the numbers 2 or 3.
Hence, we return false.
```

**Constraints:**

- `n == matrix.length == matrix[i].length`
- `1 <= n <= 100`
- `1 <= matrix[i][j] <= n`

JavaScript

```
/**
 * @param {number[][]} matrix
 * @return {boolean}
```