

5511. Special Positions in a Binary Matrix

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Given a $rows \times cols$ matrix mat , where $mat[i][j]$ is either 0 or 1, return the number of special positions in mat .

A position (i, j) is called **special** if $mat[i][j] == 1$ and all other elements in row i and column j are 0 (rows and columns are 0-indexed).

Example 1:

Input: $mat = \begin{bmatrix} 1 & 0 & 0 \\ 0 & 0 & 1 \\ 1 & 0 & 0 \end{bmatrix}$

Output: 1

Explanation: (1,2) is a special position because $mat[1][2] == 1$ and all other elements in row 1 and column 2 are 0.

User Accepted: 0

User Tried: 0

Total Accepted: 0

Total Submissions: 0

Difficulty: Easy

Example 2:

Input: $mat = \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$

Output: 3

Explanation: (0,0), (1,1) and (2,2) are special positions.

Example 3:

Input: $mat = \begin{bmatrix} 0 & 0 & 0 & 1 \\ 1 & 0 & 0 & 0 \\ 0 & 1 & 1 & 0 \\ 0 & 0 & 0 & 0 \end{bmatrix}$

Output: 2

Example 4:

Input: $mat = \begin{bmatrix} 0 & 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 1 & 1 \end{bmatrix}$

Output: 3

Constraints:

- `rows == mat.length`
- `cols == mat[i].length`
- `1 <= rows, cols <= 100`
- `mat[i][j]` is `0` or `1`.

JavaScript



```
1 ▾ /**
2   * @param {number[][]} mat
3   * @return {number}
4   */
5 ▾ var numSpecial = function(mat) {
6
7   };
```

☐ Custom Testcase

Use Example Testcases

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