Given a rows x 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 = [[1,0,0],

  [0,0,**1**],

  [1,0,0]]

**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.

**Example 2:**

**Input:** mat = [[**1**,0,0],

  [0,**1**,0],

  [0,0,**1**]]

**Output:** 3

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

**Example 3:**

**Input:** mat = [[0,0,0,**1**],

  [**1**,0,0,0],

  [0,1,1,0],

  [0,0,0,0]]

**Output:** 2

**Example 4:**

**Input:** mat = [[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]]

**Output:** 3

**Constraints:**

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