

1428. Leftmost Column with at Least a One Premium

Solved ●

Medium  Topics  Companies  Hint

A **row-sorted binary matrix** means that all elements are 0 or 1 and each row of the matrix is sorted in non-decreasing order.

Given a **row-sorted binary matrix** `binaryMatrix`, return *the index (0-indexed) of the **leftmost column** with a 1 in it*. If such an index does not exist, return -1.

You can't access the Binary Matrix directly. You may only access the matrix using a `BinaryMatrix` interface:

- `BinaryMatrix.get(row, col)` returns the element of the matrix at index `(row, col)` (0-indexed).
- `BinaryMatrix.dimensions()` returns the dimensions of the matrix as a list of 2 elements `[rows, cols]`, which means the matrix is `rows x cols`.

Submissions making more than 1000 calls to `BinaryMatrix.get` will be judged *Wrong Answer*. Also, any solutions that attempt to circumvent the judge will result in disqualification.

For custom testing purposes, the input will be the entire binary matrix `mat`. You will not have access to the binary matrix directly.

Example 1:

0	0
1	1

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

Example 2:

0	0
0	1

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

Example 3:

0	0
0	0

Input: `mat = [[0,0],[0,0]]`**Output:** -1

Constraints:

- `rows == mat.length`
- `cols == mat[i].length`
- `1 <= rows, cols <= 100`

- `mat[i][j]` is either 0 or 1.
- `mat[i]` is sorted in non-decreasing order.

Seen this question in a real interview before? 1/4

Yes No

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