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1337. The K Weakest Rows in a Matrix

Easy

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You are given an  $m \times n$  binary matrix `mat` of 1's (representing soldiers) and 0's (representing civilians). The soldiers are positioned **in front** of the civilians. That is, all the 1's will appear to the **left** of all the 0's in each row.

A row  $i$  is **weaker** than a row  $j$  if one of the following is true:

- The number of soldiers in row  $i$  is less than the number of soldiers in row  $j$ .
- Both rows have the same number of soldiers and  $i < j$ .

Return the indices of the  $k$  **weakest** rows in the matrix ordered from weakest to strongest.

**Example 1:**

**Input:** `mat =`  
[[1,1,0,0,0],  
[1,1,1,1,0],  
[1,0,0,0,0],  
[1,1,0,0,0],  
[1,1,1,1,1]],  
`k = 3`  
**Output:** [2,0,3]  
**Explanation:**  
The number of soldiers in each row is:  
- Row 0: 2  
- Row 1: 4  
- Row 2: 1  
- Row 3: 2  
- Row 4: 5  
The rows ordered from weakest to strongest are [2,0,3,1,4].

**Example 2:**

**Input:** `mat =`  
[[1,0,0,0],  
[1,1,1,1],  
[1,0,0,0],  
[1,0,0,0]],  
`k = 2`  
**Output:** [0,2]  
**Explanation:**  
The number of soldiers in each row is:  
- Row 0: 1  
- Row 1: 4  
- Row 2: 1  
- Row 3: 1  
The rows ordered from weakest to strongest are [0,2,3,1].

**Constraints:**

- $m == \text{mat.length}$
- $n == \text{mat}[i].\text{length}$
- $2 \leq n, m \leq 100$
- $1 \leq k \leq m$
- `matrix[i][j]` is either 0 or 1.

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class Solution {

public int[] kWeakestRows(int[][] mat, int k) {

}

}

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