1292. Maximum Side Length of a Square with Sum Less than or Equal to Threshold

Attempted

Medium

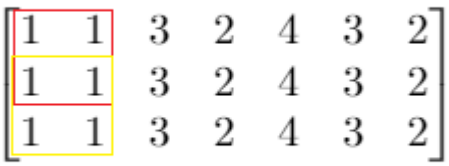
Topics

Companies

Hint

Given a m x n matrix mat and an integer threshold, return *the maximum side-length of a square with a sum less than or equal to* threshold *or return* 0 *if there is no such square*.

Example 1:



Input: mat = [[1,1,3,2,4,3,2],[1,1,3,2,4,3,2],[1,1,3,2,4,3,2]], threshold = 4

Output: 2

Explanation: The maximum side length of square with sum less than 4 is 2 as shown.

Example 2:

Input: mat = [[2,2,2,2,2],[2,2,2,2,2],[2,2,2,2,2],[2,2,2,2,2],[2,2,2,2,2]], threshold = 1

Output: 0

Constraints:

- m == mat.length
- n == mat[i].length

- 1 <= m, n <= 300
- 0 <= mat[i][j] <= 10^4
- 0 <= threshold <= 10^5

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Output: 2

Explanation: The maximum side length of square with sum less than 4 is 2 as shown.

Example 2:

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