# Largest square formed in a matrix $\square$

Medium Accuracy: 38.52% Submissions: 7726 Points: 4

Given a binary matrix **mat** of size **n** \* **m**, find out the maximum size square sub-matrix with all 1s.

# Example 1:

## Example 2:

#### Your Task:

You do not need to read input or print anything. Your task is to complete the function **maxSquare()** which takes n, m and mat as input parameters and returns the size of the maximum square sub-matrix of given matrix.

# Expected Time Complexity: O(n\*m) Expected Auxiliary Space: O(n\*m)

## Constraints:

 $1 \le n, m \le 50$  $0 \le mat[i][j] \le 1$ 

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