

1239. Largest 1-Bordered Square

Difficulty : Medium

<https://leetcode.com/problems/largest-1-bordered-square>

Given a 2D grid of 0s and 1s, return the number of elements in the largest **square** subgrid that has all 1s on its **border**, or 0 if such a subgrid doesn't exist in the grid.

Example 1:

Input: grid = [[1,1,1],[1,0,1],[1,1,1]]

Output: 9

Example 2:

Input: grid = [[1,1,0,0]]

Output: 1

Constraints:

- $1 \leq \text{grid.length} \leq 100$
- $1 \leq \text{grid}[0].\text{length} \leq 100$
- $\text{grid}[i][j]$ is 0 or 1