The Maze Odyssey

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**Problem Statement:**

A kitten is trapped in a maze, represented as a grid. The kitten starts at the top-left corner of the maze, and its goal is to reach the bottom-right corner. The maze has obstacles (walls) that block the kitten's path, and the kitten can only move either right or down. Your task is to determine if there is a valid path for the kitten to reach its goal.

**Input:** You are given a T test cases where each test case contains:

* The first line contains an integer n (4 ≤ n ≤ 10), which represents the size of the maze (an n x n grid).
* The next n lines, each line contains n integers, where each integer is either:
  + 1 (representing an open path the rat can move through),
  + 0 (representing a wall the rat cannot pass through).

The kitten always starts at position (0, 0) and needs to reach position (n-1, n-1).

**Output:**

* If a path exists from (0, 0) to (n-1, n-1), output the grid where:
  + The cells along the valid path are marked as 1.
  + All other cells are set to 0.
* If no path exists, output "No path exists".

After checking all the mazes, we count the number of successful escapes. This count is then converted into a binary representation. Once in binary, the count is encoded in Base64. Finally, the result is displayed in the format (which is your flag): "Flag{encoded\_counter}", where {encoded\_counter} is the Base64 encoded string of the binary escape count.

**Example:**

Input :

4

1 1 0 1

1 1 1 0

1 0 1 1

0 0 1 1

Output :

1 0 0 0 1 1 1 0 0 0 1 0 0 0 1 1