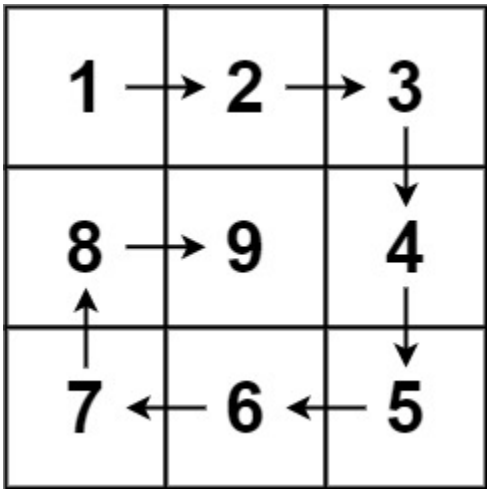
59. Spiral Matrix II

Given a positive integer n, generate an n x n matrix filled with elements from 1 to n^2 in spiral order.

Example 1:



Input: n = 3

Output: [[1,2,3],[8,9,4],[7,6,5]]

Example 2:

Input: n = 1

[[1]]

Constraints:

1 <= n <= 20