

Problem Statement 14

Spiral Matrix

Given an $m \times n$ matrix, return all elements of the matrix in spiral order.

Example:

Input: matrix = [[1,2,3],[4,5,6],[7,8,9]]

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

Kth Smallest Element in a Sorted Matrix

Given an $n \times n$ matrix where each row and column is sorted in ascending order, return the k th smallest element.

Example:

Input: matrix = [[1,5,9],[10,11,13],[12,13,15]], $k = 8$

Output: 13