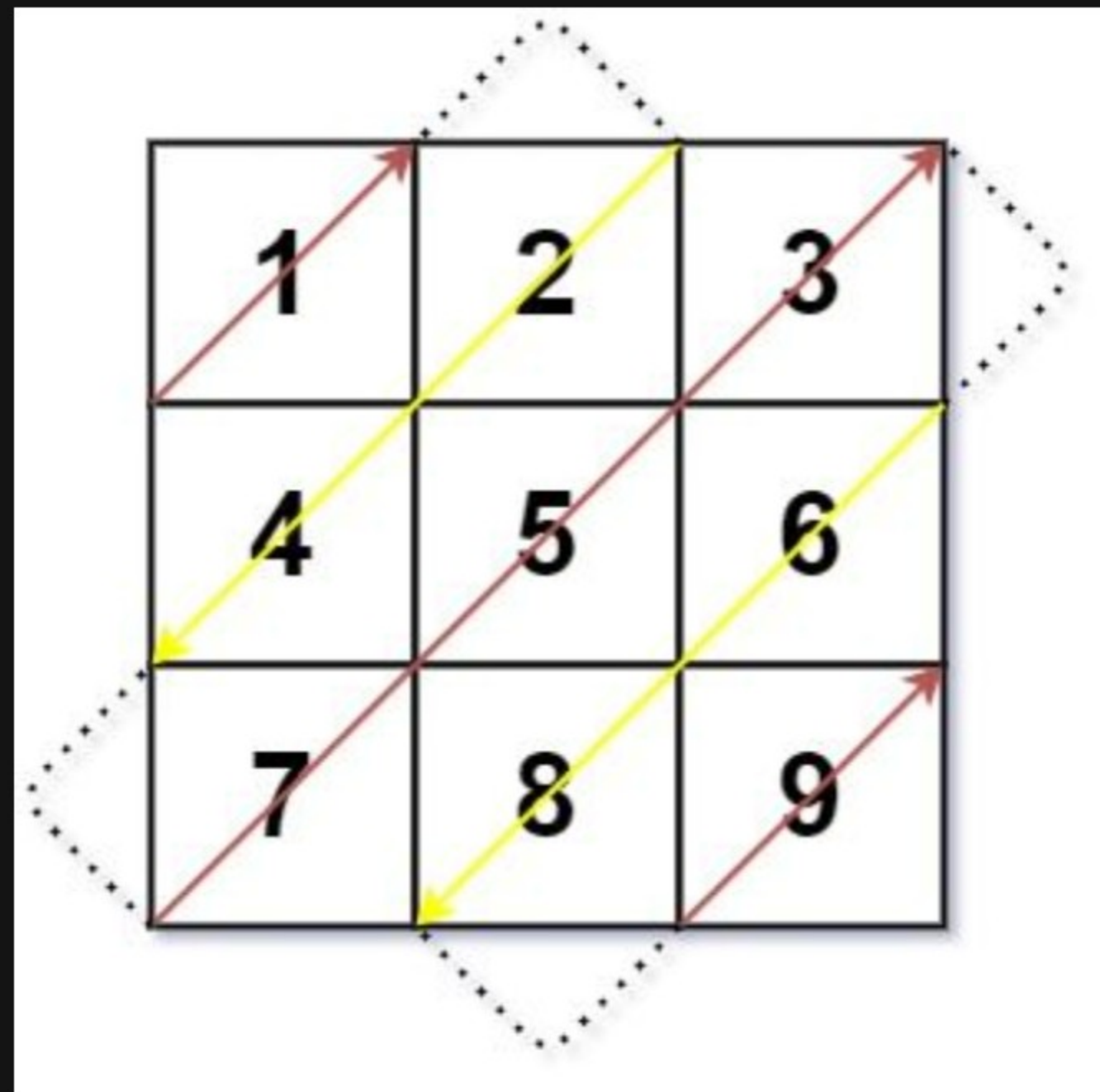


498. Diagonal Traverse

Description

Given an `m x n` matrix `mat`, return *an array of all the elements of the array in a diagonal order*.

Example 1:



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

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

Example 2:

Input: `mat = [[1,2],[3,4]]`

Output: `[1,2,3,4]`

Constraints:

- `m == mat.length`
- `n == mat[i].length`
- `1 <= m, n <= 104`
- `1 <= m * n <= 104`
- `-105 <= mat[i][j] <= 105`

