**Activity 5**

**Write a program to reverse every kth row in a matrix.**

#Write a program to reverse every kth row in a matrix

def reverse\_kth\_rows(matrix, k):

    for i in range(0, len(matrix), k):

        matrix[i:i+k] = matrix[i:i+k][::-1]

# Example usage

matrix = [

    [1, 2, 3],

    [4, 5, 6],

    [7, 8, 9],

    [10, 11, 12]

]

k = 2  # Reverse every 2nd row

reverse\_kth\_rows(matrix, k)

# Print the result

for row in matrix:

    print(row)