Shift-Matrix-Element

Description:

You are given a 3x3 matrix, and you need to shift its elements to the right by a specified number of positions.

Input:

- The first three lines contain the 3x3 matrix with integer values.
- The fourth line contains a single integer, **n**, indicating how many positions the elements of the matrix should be shifted to the right.

Output:

Output the matrix after it has been shifted to the right by ${\bf n}$ positions.

Example Input:

1 2 3

4 5 6

7 8 9

1

Example Output:

4 1 2

7 5 3

8 9 6