**Problem #1**

**Image Rotation**

In this task, you have to right rotate a square image *n* times (0 <= n <= 109). Each pixel of the image is represented by an integer that represents its color. See the following example where a 5X5 image is right rotated (i.e. rotated 90 degrees clockwise) once:

7 3 5 8 9 0 5 2 6 7

6 4 8 2 6 1 2 3 4 3

2 3 7 1 5 -->RR(1)--> 5 6 7 8 5

5 2 6 0 4 9 0 1 2 8

0 1 5 9 3 3 4 5 6 9

The first line of input contains *m* and *n. m* represents the height and width of the square image in pixels (1 <= *m* <= 10). Then *m* lines follow, each containing *m* space separated integers, representing the pixel colors of the image.

You need to output the pixels of the image that results from right-rotating the input image *n* times.

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| **Sample Input(s)** | **Corresponding Output(s)** |
| 5 1  7 3 5 8 9  6 4 8 2 6  2 3 7 1 5  5 2 6 0 4  0 1 5 9 3 | 0 5 2 6 7  1 2 3 4 3  5 6 7 8 5  9 0 1 2 8  3 4 5 6 9 |
| 5 3  0 5 2 6 7  1 2 3 4 3  5 6 7 8 5  9 0 1 2 8  3 4 5 6 9 | 7 3 5 8 9  6 4 8 2 6  2 3 7 1 5  5 2 6 0 4  0 1 5 9 3 |