

# MATRIX ROTATION

## CHALLENGE DESCRIPTION:

You are given a 2D N×N matrix. Each element of the matrix is a letter: from ‘a’ to ‘z’. Your task is to rotate the matrix 90° clockwise:

```
a b c      g d a
d e f  =>  h e b
g h i      i f c
```

## INPUT SAMPLE:

The first argument is a file that contains 2D N×N matrices, presented in a serialized form (starting from the upper-left element), one matrix per line. The elements of a matrix are separated by spaces.

For example:

```
a b c d
a b c d e f g h i j k l m n o p
a b c d e f g h i
```

## OUTPUT SAMPLE:

Print to stdout matrices rotated 90° clockwise in a serialized form (same as in the input sample).

For example:

```
c a d b
m i e a n j f b o k g c p l h d
g d a h e b i f c
```

## CONSTRAINTS:

- 1. The N size of the matrix can be from 1 to 10
- 2. The number of test cases is 100