

## Question: [Matrix rotated]

### Content:

A team of Marine Corps got a special mission about assault. For the security, they have to keep in formation as moving, and waiting for orders from the team leader.

Now, use a **5\*5** matrix as a moving Marine team.

Input an "L", the matrix which has been rotated in counterclockwise way.

And input the second "L", the matrix has been rotated again.

Implement it with 2-dimension array.

### Input:

We will give you **5** rows of numbers, and for each row there will have **5** numbers.

Input is between 1~9, reuse and separated by a space.

### Output:

Output the final matrix which has been rotated in counterclockwise, when you got the EOF (End of File).

Each number has to be separated by a space.

### Sample Input:

5 9 8 // for 3 rows as example

7 2 1

4 3 6

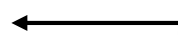
L

L

5 9 8

7 2 1

4 3 6



push button

4 7 5

3 2 9

6 1 8

### Sample Output:

6 3 4

1 2 7

8 9 5

push button



8 1 6

9 2 3

5 7 4

push button



6 3 4

1 2 7

8 9 5

push button