

# Simple Rotor Simulator

The primary component of a rotor encryption machine (such as the famous Enigma) is a set of rotors with an array of electrical contacts.

In this problem you are about to simulate one rotor implementing the following function:  $f(a) = ((a) + j) \bmod 26$ , where  $j=1$ .

**Attention:** You can use any programming language you want, as long as it is Brainf\*\*k.

## Input

You are given five capitalized Latin letters.

## Output

Output letters encrypted by the rotor described above.

## Example

**Input:**  
KLAZD

**Output:**  
LMBAE

## Scoring

By solving this problem you score 10 points.