**Toggle String**

Input Format: The first and only line of input contains the String SS

Output Format: Print the resultant String on a single line.

Constraints: 1≤|S|≤100 where |S| denotes the length of string SS.

SAMPLE INPUT

abcdE

SAMPLE OUTPUT

ABCDe

**Palindromic String**

Input Format: The first and only line of input contains the String SS. The String shall consist of lowercase English alphabets only.

Output Format: Print the required answer on a single line.

Constraints 1≤|S|≤100

Note: String SS consists of lowercase English Alphabets only.

SAMPLE INPUT

aba

SAMPLE OUTPUT

YES

**Find Product**

Input Format: The first line contains a single integer NN denoting the size of the array. The next line contains NN space separated integers denoting the elements of the array

Output Format: Print a single integer denoting the product of all the elements of the array Modulo 109+7109+7.

Constraints: 1≤N≤103 | 1≤N≤103  
SAMPLE INPUT

5

1 2 3 4 5

SAMPLE OUTPUT

120

**Count Divisors**

Input Format:The first and only line of input contains 3 space separated integers l, r and k.

Output Format:Print the required answer on a single line.

Constraints:1≤ l ≤ r ≤1000 | 1≤k≤1000

SAMPLE INPUT

1 10 1

SAMPLE OUTPUT

10

**Roy and Profile Picture**

Input:First line contains **L**. Second line contains **N**, number of photos. Following N lines each contains two space separated integers **W** and **H**.

Output:Print appropriate text for each photo in a new line.

Constraints:1 <= **L,W,H** <= 10000 | 1 <= **N** <= 1000

SAMPLE INPUT

180

3

640 480

120 300

180 180

400 400

SAMPLE OUTPUT

CROP IT

UPLOAD ANOTHER

ACCEPTED

ACCEPTED

Note:

* If any of the width or height is less than L, user is prompted to upload another one. Print "**UPLOAD ANOTHER**" in this case.
* If width and height, both are large enough and
  + if the photo is already square then it is accepted. Print "**ACCEPTED**" in this case.
  + else user is prompted to crop it. Print "**CROP IT**" in this case.

[**Factorial!**](https://www.hackerearth.com/practice/basic-programming/input-output/basics-of-input-output/practice-problems/algorithm/find-factorial/)

Input Format: The first and only line of the input contains a single integer NN denoting the number whose factorial you need to find.

Output Format:Output a single line denoting the factorial of the number NN.

Constraints:1≤N≤10

SAMPLE INPUT

2

SAMPLE OUTPUT

2

**Life, the Universe, and Everything**

Your program is to use the brute-force approach in order to find the Answer to Life, the Universe, and Everything. More precisely... rewrite small numbers from input to output. Stop processing input after reading in the number 42. All numbers at input are integers of one or two digits.

**SAMPLE INPUT**

1

2

88

42

99

**SAMPLE OUTPUT**

1

2

88