ICPC Assiut University Community

Newcomers Training , Do Your Best

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B. Memo and Momo

time limit per test: 1 second memory limit per test: 256 megabytes input: standard input output: standard output

Memo and Momo are playing a game. Memo will choose a positive number a, and Momo will choose a positive number b.

Your task is to tell them who will win according to the following rules:

- If both a and b are divisible by k, both of them win and you should print "Both".
- If a is divisible by k but b isn't, Memo wins and you should print "Memo".
- If b is divisible by k but a isn't, Momo wins and you should print "Momo".
- If both a and b are not divisible by k, no one wins and you should print "No One".

Input

Only one line containing three positive numbers a, b and k ($1 \le a, b, k \le 10^{18}$).

Output

Print the answer as described in the statement.

Examples

Both

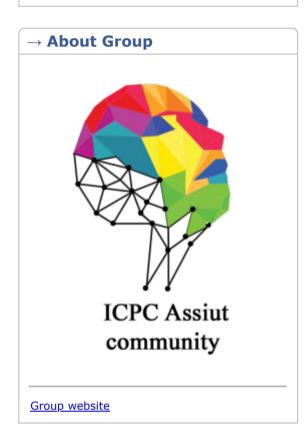
Examples	
input	Сору
15 7 3	
output	Сору
Memo	
input	Сору
22 10 2	
output	Сору

<u>Assiut University Training - Newcomers</u>

Public

Participant





→ **Group Contests**

- Sheet #10 (General Hard)
- Sheet #9 (General medium)
- Sheet #8 (General easy)
- Sheet #7 (Recursion)
- Sheet #6 (Math Geometry)
- Sheet #5 (Functions)
- Sheet #4 (Strings)
- Contest #3.1
- Sheet #3 (Arrays)
- Contest #2
- Sheet #2 (Loops)
- Contest #1
- Sheet #1 (Data type Conditions)

Contest #1 Finished Practice

→ About Time Scaling

This contest uses time limits scaling policy (depending on a programming language). The system automatically adjusts time limits by the following multipliers for some languages. Despite scaling (adjustment), the time limit cannot be more than 30 seconds. Read the details by the link.

→ Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for