

Cookie Eating II

Input file: **standard input**
Output file: **standard output**
Time limit: 2 seconds
Memory limit: 512 megabytes

Cookie Monster and Elmo are playing yet another cookie-eating game. On his turn, Cookie Monster can eat n cookies while Elmo can eat m cookies. If there are less cookies remaining than the number of cookies the player is allowed to eat, they eat all of the cookies that are left.

The player who eats the last cookie is given the prestigious title of Cookie Connoisseur. If there are initially c cookies and Cookie Monster starts eating cookies first, who is the Cookie Connoisseur?

Input

The first line contains 3 integers n , m , and c ($1 \leq n, m, c \leq 10^9$).

Output

Output a single string — **Cookie Monster** if Cookie Monster will win and **Elmo** if Elmo will win and be named Cookie Connoisseur.

Examples

standard input	standard output
2 4 10	Elmo
1 2 3	Elmo
1 2 4	Cookie Monster
158260522 877914575 602436426	Elmo

Note

In the first test case, Cookie Monster will eat 2 cookies, Elmo will eat 4 cookies, and Cookie Monster will eat 2 cookies again. Since there are less than 4 cookies left, Elmo will eat all of them and become the Cookie Connoisseur.