

Q5 // Law of the Locus

Mr. Ing suddenly figured out that Anish used a program to finish the pattern problems (refer to Question 2) so he assigned 2 variable equation problems that are harder to solve. Anish doesn't know the diophantine equation so once again, he goes to technology to solve his problems.

Given three positive integers a , b , and c , make a program that determines whether there exists a solution to the equation, $ax + by = c$, for some non-negative integer values of x and y .

Input Specification:

The first 3 lines will contain integers a ($1 \leq a \leq 100$), b ($1 \leq b \leq 100$), c ($1 \leq c \leq 1,000,000$) respectively.

Output Specification:

Output "Yes" if it is possible to satisfy the equation, or output "No" if it is impossible.

Sample Input 1:

```
2
2
4
```

Sample Output 1:

```
Yes
```

Sample Input 2:

```
2
4
11
```

Sample Output 2:

```
No
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