

# Problems 2: DIV, MOD and IF

A set of (a,b,c,d) is called FNUM-SET if both conditions accept:

1>  $a \text{ div } b = c$ .

2>  $a \text{ mod } b = d$ .

Given set of (a,b,c,d) and your mission is check that. If true (The set is FNUM-SET), print "Yes", else print "No".

## Input

Integer a,b,c,d. ( $0 \leq a,b,c,d \leq 100$ )

## Output

A integer which is answer of mission.

## Example

**Input 1:**

6 4 1 2

**Output 1:**

Yes

**Input 2:**

6 4 0 2

**Output 2:**

No