



## I Olympiad in Informatics Las Palmas

Competition – January, 27th, 2023

Tiles

### Tiles

Maria and Alberto must tile several rooms in a house. These surfaces are  $m \times n$  in size. They want to tile all the surfaces with square tiles, of the maximum possible size and without dividing any of them. For example: for a surface of 520 cm x 240 cm, the tile size they would have to calculate corresponds to 40 cm.

Help Maria and Alberto with a program that, receiving as input the two integer values in centimetres of the surface dimension, calculates the maximum value that each tile must have. All the tiles are square, are measured in centimetres, and must be in the range 5 cm. - 70 cm (both values included). Only integer measurements are allowed. If a character is entered that does not correspond to a whole number, the program must print the word ERROR. In case the measurement is out of range, it must print OUT OF RANGE (FUERA DE RANGO).

### Input and Output

There will be one input line, with the values of each dimension separated by a space.

You must print a single output line with the value in centimetres on the tile side.



## Examples

### Example 1

Input:

670

800

Output:

10

### Example 2

Input:

450,6

23

Output:

ERROR

### Example 3

Input:

80

20

Output:

20

### Example 4

Input:

425

315

Output:

5