

B. Multiplication Table

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

Peter compiled a multiplication table of size $n \times n$. The cell in the i -th row and j -th column contains the value $i \cdot j$. Peter was interested in the question: which number in the table is k -th in ascending order? Help Peter answer this question.

Input

The input contains two integers n and k ($1 \leq n \leq 10^5, 1 \leq k \leq n^2$).

Output

Print one integer, k -th number in ascending order in the table.

Examples

input	Copy
3 4	
output	Copy
3	
input	Copy
5 16	
output	Copy
10	

→ Submit?

Language: GNU G++20 13.2 (64 bit, win ▼)

Choose file: Choose File No file chosen

Submit

