# Particles Selector

*You are part of the new trendy particle smashing company, which mostly accelerates particles (protons) one against other and smashes them with near light speed. The results produce a lot of particles which are detected inside special devices.*

You task is pretty simple **out of number of produced particles** after the collision the theoretical physicists must **select specific number of particles** and you have to tell them **how many under multiple of particles they can have**. So you need to develop a program which produces a **single number** as an output.

**You receive two numbers first one represents the number of particles, and the second one represents the number of selected particles.**

## Input

* The input will come from the console on two lines each line will represent a single number

## Output

* The output is always a single number.

## Constraints

* All input lines will be **valid the first number will always be not less than the second**.
* The input will be in the range **[1…1000]**

## Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 4  2 | 6 |
| 52  12 | 206379406870 |

*"Imagination will often carry us to worlds that never were. But without it we go nowhere."*