Convert a number from one numeral system to another

Cost: 4 | Solved: 104

Memory limit: 256 MB

Time limit: 1 s

Input: input.txt

Output: output.txt

Task:

Convert a number **n** from the numeral system with base **r1** to the numeral system with base **r2**

Input:

Contains positive integer numbers **n, r1,r2** ($1 \le n \le 10^9$, $2 \le r1,r2 \le 10$)

Output:

Write **n** in numeral system with base **r2**

There is guaranteed that **n** in numeral system with base **r2** does not extend 10^9

Input	Output
100 2 10	4