Any Base To Any Base





> Next

- 1. You are given a number n.
- 2. You are given a base b1. n is a number on base b.
- 3. You are given another base b2.
- 4. You are required to convert the number n of base b1 to a number in base b2.

Input Format

Anumbern

A base b1

Easy

A base b2

Output Format

A number of base b2 equal in value to n of base b1.

Hny base to any base $Eg (11100)_{2} \rightarrow (2)_{2}$ (1) First Convert to base 10. (2) Then base to to desired base. $\Rightarrow 32 + 16 + 8 + 1 \Rightarrow (57)_{10}$ $\Rightarrow (57)_{10} \rightarrow (7)_{3}$ $\frac{3|5|}{3|19|0}$ = $(20)_3$ Answer $\frac{3|5|}{3|2|0}$