Problem I. Power

Time Limit 2000 ms

Mem Limit 1048576 kB

Problem Statement

Given integers A and B, print the value A^B.

Constraints

- $1 \leq A, B \leq 9$
- All values in the input are integers.

Input

The input is given from Standard Input in the following format:

> A B

Output

Print the answer.

Sample 1

Input	Output
4 3	64

$4^3 = 64$, so 64 should be printed.

Sample 2

Input	Output
5 5	3125

Sample 3

Input	Output
8 1	8

Sample 3

Input	Output
8 1	8