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The Virtual Learning Environment for Computer Programming

Powers X74205\_en

Write a program to compute powers.

### Input

Input consists of several pairs of integer numbers a and b. Assume  $b \ge 0$ .

## Output

For every pair a,b, print  $a^b$ . Supose, as usual, that  $0^0 = 1$ .

Sample input	Sample output
3 2	9
2 8	256
5 0	1
0 3	0
0 0	1
-2 3	-8

### Observation

The use of power operator  $\star\star$  is not allowed in this exercise.

### **Problem information**

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