
Powers

X74205_en

Write a program to compute powers.

Input

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

Output

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

Sample input 1

```
3 2
2 8
5 0
0 3
0 0
-2 3
```

Sample output 1

```
9
256
1
0
1
-8
```

Observation

The use of power operator `**` is not allowed in this exercise.

Problem information

Author: Jordi Petit

Generation: 2026-01-25T19:28:29.331Z

© Jutge.org, 2006–2026.

<https://jutge.org>