a^b (Set 1)

For two given positive numbers a and b. Find a^b.

Input:

The first line contains an integer 'T' denoting the total number of test cases. In each test cases, there are two numbers a and b.

Output:

Find a^b.

Constraints:

1 <= T <= 30

 $1 \le a \le 10$

 $1 \le b \le 10$

Example:

Input:

2

1 1

5 2

Output:

1

25