L - Compute a power b.

Given two integers a and b, compute a power b.  
Note: Do not use any inbuilt functions/libraries for your main logic.

**Input Format**

First and only line of input contains two positive integers a and b.

**Constraints**

1 <= a <= 100  
0 <= b <= 9

**Output Format**

Print a power b.

**Sample Input 0**

2 3

**Sample Output 0**

8

**Explanation 0**

Self Explanatory.