

Calculate Power

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Write a program to find x to the power n (i.e. x^n). Take x and n from the user. You need to return the answer.

Do this recursively.

Input format :

Two integers x and n (separated by space)

Output Format :

x^n (i.e. x raise to the power n)

Constraints :

$1 \leq x \leq 30$

$0 \leq n \leq 30$

Sample Input 1 :

3 4

Sample Output 1 :

81

Sample Input 2 :

2 5

Sample Output 2 :

32