

Problem statement[Send feedback](#)

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

Note: For this question, you can assume that 0 raised to the power of 0 is 1

Detailed explanation (Input/output format, Notes, Images)**Constraints:**

$$0 \leq x \leq 8$$

$$0 \leq n \leq 9$$

Sample Input 1 :

3 4

Sample Output 1 :

81

Explanation of Sample Input 1:

$$3^4 = 3 * 3 * 3 * 3 = 81$$

Sample Input 2 :

2 5

Sample Output 2 :

32

Explanation of Sample Input 2:

$$2^5 = 2 * 2 * 2 * 2 * 2 = 32$$