fast_power

You are given integer A, B < 10^9
Your task is to print the remainder of (A^B divided by 1,000,000,007)

Input:
A B < 1e9

Output:
Single integer - the answer.

Sample Input 1:
5 120000000

Sample Output 1:
791901272

Sample Input 2:
7854887 7894793

Sample Output 2:
924121260