Big Fact

Problem Statement:

To write a problem description of a problem is a boring task to me. And this , I can't sojjo. :D. So I have nothing to say about this problem. Just do it…

You are given an positive integer N. Your task is to calculate the factorial of N.

Input

The input contains an integer T (1 ≤ T ≤ 1000) number of test cases. Second line input is N (0 < **N** ≤ 10^6) that indicates the positive integer.

Output

For each case, print the case number and the result modulo **1000000007**.. See the sample input/output for exact formatting.

Sample Input / Output:

Sample Input	Sample Output
3	Case 1: 24
4	Case 2: 5040
7	Case 3: 3628800
10	

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