

Series Sum

Your given a mathematical series

$$1^5+2^5+3^5+4^5+\dots+N^5$$

You given the value of N output the sum with Mod 10^9+7

Input:

Input start with an integer T($T \leq 10000$).

Each test case contain a integer N ($1 \leq N \leq 10^9$)

Output

For each test case, print the case no and the Sum of series. Mod 10^9+7

Sample:

Input	Output
2	Case 1: 4425
5	Case 2: 220825
10	