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## Amazing Numbers ✓

Problem code: CDQU03

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Shubham is preparing for his mathematics exams and he is unable to solve a question called amazing number. Shubham has to go out for a walk because he is studying for a long time. As "Health is Wealth" therefore you must help Shubham in getting his question solved.

The question states:-

Find the sum of the series to get answer to the amazing number

$7 + 77 + 777 + 7777 + \dots$  **N** terms.

As the answer will be very large you have to print answer modulo  $10^9 + 7$ .

### Input

- The first line of the input contains an integer **T** denoting the number of test cases. The description of **T** test cases follows.
- An integer **N** denoting number of terms in series.

### Output

- For each test case, output a single line containing the answer to the question.

### Constraints

- $1 \leq T \leq 1000$
- $1 \leq N \leq 10000000$

### Example

Input:

1  
5

Output:

86415

Author: kripa432

Tags: kripa432

Date Added: 7-04-2016

Time Limit: 1 sec

Source Limit: 50000 Bytes

Languages: C, CPP 4.9.2, JAVA

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### CodeChef - A Platform for Aspiring Programmers

CodeChef was created as a platform to help programmers make it big in the world of algorithms, **computer programming** and **programming contests**. At CodeChef we work hard to revive the geek in you by hosting a **programming contest** at the start of the month and another smaller programming challenge in the middle of the month. We also aim to have training sessions and discussions related to **algorithms**, **binary search**, technicalities like **array size** and the likes. Apart from providing a platform for **programming competitions**, CodeChef also has various algorithm tutorials and forum discussions to help those who are new to the world of **computer programming**.

### Practice Section - A Place to hone your 'Computer Programming Skills'

Try your hand at one of our many practice problems and submit your solution in a language of your choice. Our **programming contest** judge accepts solutions in over 35+ programming languages. Preparing for coding contests were never this much fun! Receive points, and move up through the CodeChef ranks. Use our practice section to better prepare yourself for the multiple **programming challenges** that take place through-out the month on CodeChef.

### Compete - Monthly Programming Contests and Cook-offs

Here is where you can show off your **computer programming** skills. Take part in our 10 day long monthly **coding contest** and the shorter format Cook-off **coding contest**. Put yourself up for recognition and win great prizes. Our **programming contests** have prizes worth up to INR 20,000 (for Indian Community), \$700 (for Global Community) and lots more CodeChef goodies up for grabs.

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