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Watsy & his Mam ✔

Problem code: WKIMAAL

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Little Watsy had a crush on his Maths teacher. One day she gave him some multiplication assignments, but since he was busy focussing on the teacher rather than what she was teaching, he is unable to do them himself. Now since he does not want to make her angry, he asks you to help him out.

Input

The first line has a single integer **T** denoting the number of test cases. First line of each test case is a single integer **N** denoting number of numbers to multiply. Next line contains **N** space separated integers denoting the numbers to multiply.

Output

For each test case, print the result of multiplication. Since this number can be large, print it **modulo 1000000007 (10^9+7)**.

Constraints

- 1 <= T <= 100
- 1 <= N <= 100
- 1 <= each number to multiply <= 10^{16}

Sample Cases

Input
```
1
5
1 2 3 4 5
```

Output
```
120
```

Author:	bigo_admin
Tags:	bigo_admin
Date Added:	12-04-2016
Time Limit:	1 sec
Source Limit:	50000 Bytes
Languages:	C, CPP 4.3.2, CPP 4.9.2, CPP14, 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.

Programming Tools	**Practice Problems**	**Initiatives**
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Upcoming Coding Contests	Medium	CodeChef for Schools
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