

Abhishek is in the second year of college. There are N hours before semester exams so, he divised a N-hour study plan.

He may or may not study a particular hour, but he is very lazy and doesn't want to study consequently for more than 1 hour . Given the number of hours *N*, print the number of ways the *N*-hour plan can be completed.

Note that it is possible that N-hour plan completes even if he doesn't study. Print the answer as Ans%(10^9+7)

Input Format

The first line contains T, the number of test cases.

Each test case contains a number **N** denoting the number of hours.

Constraints

1 <= *T* <= 80000

1 <= N <= 10^17

Output Format

Each test case contains a single number denoting the number of ways by which the N-hour plan may be completed.

Sample Input 0

2

2

Sample Output 0

3

5

Explanation 0

In the first test case the plan can be completed by studying only in the first hour, only in the second hour or on no study at all.

In the second test case, the plan can be completed by any of the following combinations.

{}, {1}, {2}, {3}, {1,3}

1 v #include <cmath> 2 #include <cstdio>

#include <iostream>

using namespace std;

int j,k,c=0;

{

return c;

int hours (int n)

3

5

6

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10 ▼

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} 38

21 **v** int main() {

a=t;

cin>>t;

while(t!=0)

{

}

cout<<m[i]<<endl;</pre>

for(int i=0;i<a;i++)</pre>

t--;

return 0;

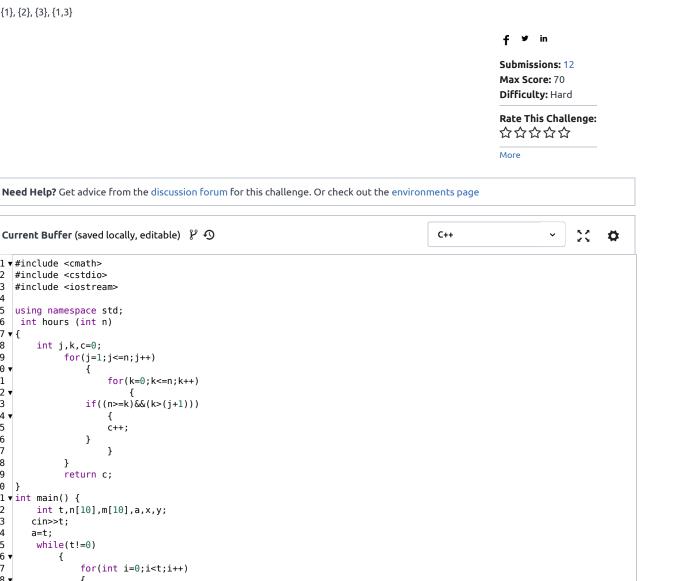
cin>>n[i];

x=hours(n[i]);

m[i]=(x+1+n[i]);

{

7 ▼ { 8



Line: 1 Col: 1 Test against custom input Run Code Submit Code **1** Upload Code as File

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