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SOLVE LATER

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Attempted by: **71899** / Accuracy: **26%** / Maximum Score: **10** /
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Tag(s): Very-Easy

PROBLEM   EDITORIAL   MY SUBMISSIONS   ANALYTICS

You have been given an array A of size N consisting of positive integers. You need to find and print the product of all the number in this array **Modulo $10^9 + 7$**.

Input Format:
The first line contains a single integer N denoting the size of the array. The next line contains N space separated integers denoting the elements of the array

Output Format:
Print a single integer denoting the product of all the elements of the array Modulo $10^9 + 7$.

Constraints:
$1 \le N \le 10^3$
$1 \le A[i] \le 10^3$

SAMPLE INPUT	SAMPLE OUTPUT
5 1 2 3 4 5	120

Explanation

There are 5 integers to multiply. Let's store the final answer in $answer$ variable. Since 1 is identity value for multiplication, initialize $answer$ as 1.

So the process goes as follows:

$answer = 1$
$answer = (answer \times 1) \% (10^9 + 7)$
$answer = (answer \times 2) \% (10^9 + 7)$
$answer = (answer \times 3) \% (10^9 + 7)$
$answer = (answer \times 4) \% (10^9 + 7)$
$answer = (answer \times 5) \% (10^9 + 7)$

The above process will yield answer as 120

Time Limit:	1.0 sec(s) for each input file.
Memory Limit:	256 MB
Source Limit:	1024 KB

15

LIVE EVENTS

BEST SUBMISSIONS

LANGUAGE: C (gcc 5.4.0)

⏱ TIME (sec)   📑 MEMORY (KiB)
0.40161   64

by Aashif Khan

VIEW BEST SUBMISSION   VIEW ALL SUBMISSION

CONTRIBUTOR

AUTHOR
Anand Jaisingh

SOCIAL SHARE

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Marking Scheme:	Marks are awarded when all the testcases pass.
Allowed Languages:	Bash, C, C++, C++14, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, JavaScript(Rhino), JavaScript(Node.js), Julia, Kotlin, Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3, R(RScript), Racket, Ruby, Rust, Scala, Swift, Swift-4.1, TypeScript, Visual Basic

CODE EDITOR

Enter your code or Upload your code as file.

Save   C++14 (g++ 5.4.0)

```
1  //
2  #include<iostream>
3
4  using namespace std;
5
6  int main(){
7      ios_base::sync_with_stdio(false);
8      cin.tie(NULL);
9
10     int n;
11     cin>>n;
12     int arr[n];
13     unsigned long long int prod=1;
14     for(int i=0;i<n;i++){
15         cin>>arr[i];
16         prod*=arr[i];
17     }
18     int ans = prod ;
19     cout<<ans<<endl;
20     return 0;
21 }
```

21:2 vscode

☑ Provide custom input

COMPILE & TEST   SUBMIT

Submission ID: 40010400 / 3 seconds ago

RESULT: ✖ Wrong Answer

Score	Time (sec)
0.0	0.40599

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	Memory (KiB)			Language				
	64			C++14				

Input	Result	Time (sec)	Memory (KiB)	Score	Your Output	Correct Output	Diff
Input #1	❌	0.101541	64	0	🗎	🗎	🗎
Input #2	❌	0.101534	64	0	🗎	🗎	🗎
Input #3	❌	0.10149	64	0	🗎	🗎	🗎
Input #4	❌	0.101425	64	0	🗎	🗎	🗎

Compilation Log

Compilation Successful.

Your Rating:

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