**Problem:**

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** 109+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 109+7.

**Constraints**:  
1≤N≤103  
1≤A[i]≤103

**Sample Input**

5

1 2 3 4 5

**Sample Output**

120

Time Limit: 1

Memory Limit: 256

Source Limit:

**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×1) % (109+7)  
answer=(answer×2) % (109+7)  
answer=(answer×3) % (109+7)  
answer=(answer×4) % (109+7)  
answer=(answer×5) % (109+7)

The above process will yield answer as 120