

P-sequences

We call a sequence of N natural numbers $(a_1, a_2, \dots, a_N)$ a *P-sequence*, if the product of any two adjacent numbers in it is not greater than P . In other words, if a sequence $(a_1, a_2, \dots, a_N)$ is a *P-sequence*, then $a_i * a_{i+1} \leq P \ \forall \ 1 \leq i < N$

You are given N and P . Your task is to find the number of such *P-sequences* of N integers modulo 10^9+7 .

Input Format

The first line of input consists of N
The second line of the input consists of P .

Constraints

$$2 \leq N \leq 10^3$$
$$1 \leq P \leq 10^9$$
$$1 \leq a_i$$

Output Format

Output the number of *P-sequences* of N integers modulo 10^9+7 .

Sample Input 0

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2
2
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Sample Output 0

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3
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Explanation 0

3 such sequences are $\{1,1\}, \{1,2\}$ and $\{2,1\}$