时间限制: C/C++/Rust/Pascal 8秒,其他语言16秒 空间限制: C/C++/Rust/Pascal 512 M,其他语言1024 M

64bit IO Format: %IId

题目描述 🔀

There are lots of things to do in this contest besides this problem, so let's make it quick.

Given two integers n and p, where p is prime, you need to find the value of $LCM(1, 2, 3, ..., n) \mod p$, i.e., the least common multiple of 1, 2, 3, ..., n modulo p.

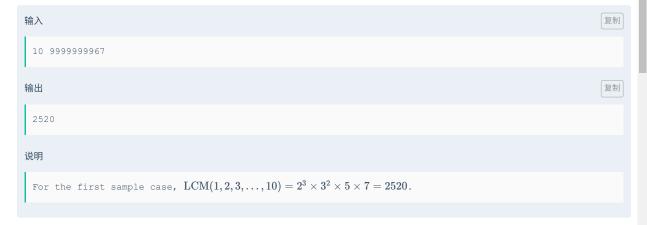
输入描述:

The only line contains two integers n and p ($1 \leq n), where <math>p$ is prime.

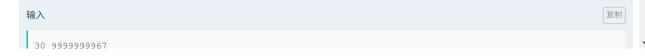
输出描述:

Output a line containing a single integer, indicating the value of $\mathrm{LCM}(1,2,3,\ldots,n) \bmod p$.

示例1



示例2



自测報

运行结果

① C++ (clang++18)

ACM模

请通过 入输出

出描述!