



Bienvenido,
IGNACIO

1165

Descripción
Pantalla
Completa
Enviar
Ranking
Foro
Toolkit

Principiante

FACEBOOK[fb.com/urionlinejudge](https://www.facebook.com/urionlinejudge)

URI Online Judge | 1165

Prime Number

Adapted by Neilor Tonin, URI Brazil

Timelimit: 1

A Prime Number is a number that is divisible only by 1 (one) and by itself. For example the number 7 is Prime, because it can be divided only by 1 and by 7.

Input

The input contains several test cases. The first contains the number of test cases N ($1 \leq N \leq 100$). Each of the following N lines contain an integer X ($1 < X \leq 10^7$), that can be or not a prime number.

Output

For each test case output the message “X eh primo” (X is prime) or “X nao eh primo” (X isn't prime) according with to above specification.

Sample Input	Sample Output
3	8 nao eh primo
8	51 nao eh primo
51	7 eh primo
7	

--