

Leap year finder

Description

Leap years occur according to the following formula a leap year is divisible by four, but not by one hundred, unless it is divisible by four hundred. For example, 1992, 1996, and 2000 are leap years, but 1993 and 1900 are not. The next leap year that falls on a century will be 2400.

Input

Your program should take a year as input.

Output

Your program should print whether the year is or is not a leap year.

Sample Session

What year 1999

1999 is not a leap year.

What year 1988

1988 is a leap year.