https://panchalprogrammingacademy.github.io/course-problem-deck/#/problem/5fb3d911cf57340017a6fe49

Leap Year Test

60 POINTS

Given a year check if it is a leap year.
The following rules decides if a year represents a leap year:

1. If a year is not divisible by 4 then it is not a leap year.
2. Otherwise if year is not divisible by 100 then it is a leap year.
3. Otherwise if year is not divisible by 400 then it is not a leap year.
4. Otherwise it is a leap year.

Input format:
A single line of input containing the value of year

Output format:
TRUE if year is leap year FALSE otherwise

Constraints:
(i) $1000 \leq N \leq 4000$

Test Case - 1
1000
FALSE

Test Case - 2
2000
TRUE

Problem tags:

THE COMPLETE C COURSE   EASY   IF-ELSE