

Problem Specification

Is it a Leap Year?

1 PROBLEM DESCRIPTION

Write code that determines whether a year is a leap-year on the Gregorian calendar. Multiple conditions need to be check in order to determine this. These conditions are:

1. If the year can be evenly divided by 4 it is a leap year unless;
2. If the year can be evenly divided by 100 it is **not** a leap year unless;
3. The year is also evenly divisible by 400 it is a leap year.

2 INPUT DESCRIPTION

The user shall input an integer year value in the console. Include an appropriate prompt for the user.

3 OUTPUT DESCRIPTION

Your code shall print a line of text such as:

The year 2100 is not a leap year.

Or

The year 2020 is a leap year.

Replacing the appropriate text that is unique to your test cases

4 WHAT TO TURN IN

- Your code
- Documented test cases