
Function for leap years

P95401_en

Write a function that tells if the given year is a leap year or not. To recall the rules about leap years, check the exercise [problem://problemsjutge.org:problems/p1/jpetit/traspas-elemental.pbm](https://problems.jutge.org/problems/p1/jpetit/traspas-elemental.pbm).

Interface

C++	<code>bool is_leap_year (int year);</code>
C	<code>int is_leap_year (int year);</code>
Java	<code>public static boolean isLeapYear(int year);</code>
Python	<code>is_leap_year (year) # returns bool</code> <code>is_leap_year (year: int) -> bool</code>

Precondition

The parameter @year@ is between 1800 and 9999, both included.

Observation

You only need to submit the required procedure; your main program will be ignored.

Problem information

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