
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 P61634: “Leap years”.

Interface

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

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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