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 .

Interface

C++	**bool** *is_leap_year* (**int** *year*);
C	**int** *is_leap_year* (**int** *year*);
Java	**public static boolean** *isLeapYear*(**int** *year*);
Python	*is_leap_year* (*year*) # returns bool
	is_leap_year (*year*: *int*) $\rightarrow$ *bool*

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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