
Valid dates

P58459_en

Write a function that tells if the date defined by a day d , month m and year y is valid or not.

Interface

C++	bool <i>is_valid_date</i> (int d , int m , int y);
C	int <i>is_valid_date</i> (int d , int m , int y);
Java	public static boolean <i>isValidDate</i> (int d , int m , int y);
Python	<i>is_valid_date</i> (d , m , y) # returns bool <i>is_valid_date</i> (d : <i>int</i> , m : <i>int</i> , y : <i>int</i>) \rightarrow <i>bool</i>

To write this function, it is convenient to use the function for leap years of the exercise .

Precondition

The parameter y 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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