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Write a function 🔖

by **shashank21j**

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We add a Leap Day on February 29, almost every four years. The leap day is an extra, or intercalary day and we add it to the shortest month of the year, February.
In the Gregorian calendar three criteria must be taken into account to identify leap years:

- The year can be evenly divided by 4, is is a leap year, unless:
  - The year can be evenly divided by 100, it is NOT a leap year, unless:
    - The year is also evenly divisible by 400. Then it is a leap year.

This means that in the Gregorian calendar, the years 2000 and 2400 are leap years, while 1800, 1900, 2100, 2200, 2300 and 2500 are NOT leap years.Source

Task
You are given the year, and you have to write a function to check if the year is leap or not.

Note that you have to complete the function and remaining code is given as template.

Input Format

Read y, the year that needs to be checked.

Constraints

$1900 \leq y \leq 10^5$

Output Format

Output is taken care of by the template. Your function must return a boolean value (True/False)

Sample Input
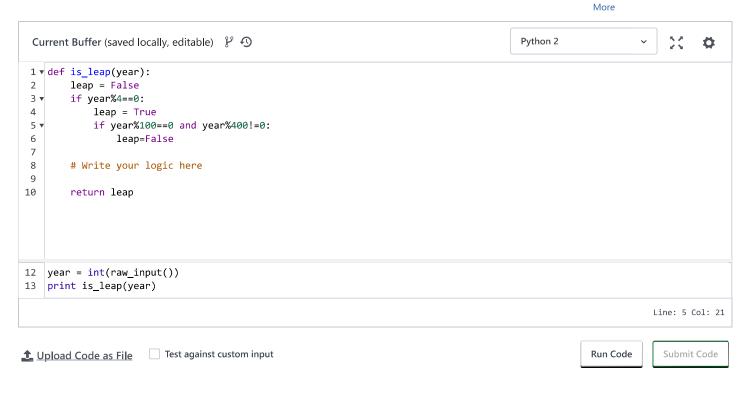
```
1990
```

Sample Output

```
False
```

Explanation

1990 is not a multiple of 4 hence it's not a leap year.

f 🐦 in

Submissions: 69593

Max Score: 10
Difficulty: Medium

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```python
1 ▾ def is_leap(year):
2       leap = False
3 ▾     if year%4==0:
4           leap = True
5 ▾         if year%100==0 and year%400!=0:
6               leap=False
7
8       # Write your logic here
9
10      return leap
```

```python
12  year = int(raw_input())
13  print is_leap(year)
```

Line: 5 Col: 21

⬆ Upload Code as File   ☐ Test against custom input | Run Code | | Submit Code |

Congrats, you solved this challenge!

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