

Algorithm

1 Start

Read an integer year

2 If year is divisible by 400

→ Print "Leap year"

3 Else if year is divisible by 100

→ Print "Not a leap year"

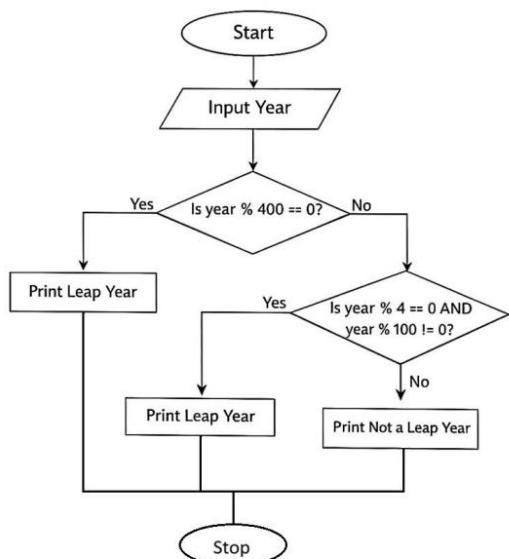
4 Else if year is divisible by 4

→ Print "Leap year"

5 Else

→ Print "Not a leap year"

6 Stop



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leapYear.py

```
1 year = int(input())
2
3 if (year % 400 == 0) or (year % 4 == 0 and year % 100 != 0):
4     print("Leap year")
5 else:
6     print("Not a leap year")
7 
```

Average time 0.033 s Maximum time 0.097 s
32.50 ms 97.00 ms

2 out of 2 shown test case(s) passed
2 out of 2 hidden test case(s) passed

Test case 1 9 ms
Test case 2 11 ms

Terminal Test cases < Prev Reset Submit Next >

This screenshot shows a code editor interface for a Python file named "leapYear.py". The code checks if a year is a leap year based on the rules: divisible by 400, or divisible by 4 and not by 100. The editor includes performance metrics for execution times and a test results summary showing 2 out of 2 test cases passed. At the bottom, there are links for a terminal, test cases, and navigation buttons.