

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"

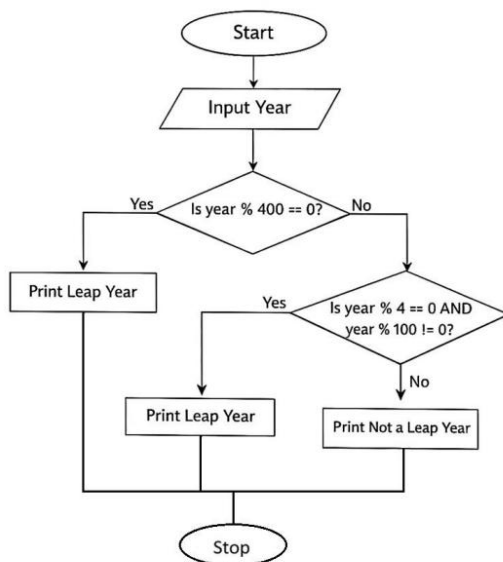
4 Else if year is divisible by 4

→ Print "Leap year"

5 Else

→ Print "Not a leap year"

6 Stop



The screenshot shows a code editor with a Python file named `leapYear.py`. The code implements the leap year algorithm:

```
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
```

Below the code, the test results are displayed:

- Average time: 0.033 s (32.50 ms)
- Maximum time: 0.097 s (97.00 ms)
- 2 out of 2 shown test case(s) passed
- 2 out of 2 hidden test case(s) passed
- Test case 1: 97 ms
- Test case 2: 11 ms

At the bottom, there are buttons for 'Terminal', 'Test cases', 'Reset', 'Submit', and 'Next'.