

# Experiment 5

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## 5.1.1 Leap Year Checker

### Algorithm

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Step 1 : Start

Step 2 : if (year %4== 0)

Print Leap Year

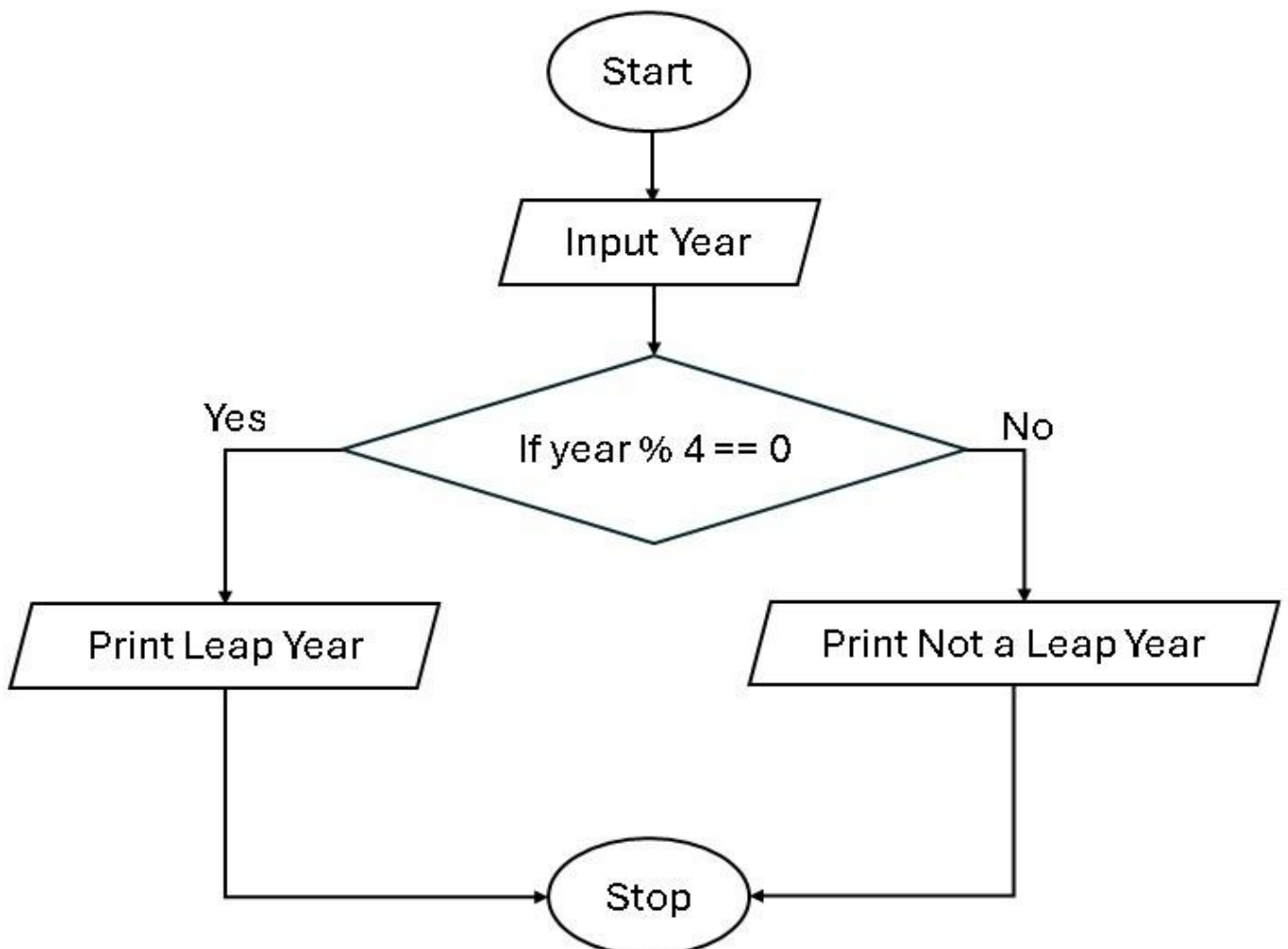
else

Print Not a Leap

Year

Step 3 : Stop

### Flowchart



CODE :

```
year = int(input())
if (year % 4 == 0):
    print( "Leap year")
else:
    print( "Not a leap year")
```

EXECUTION :

CODETANTRA

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Support

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5.1.1. Leap Year Checker

08:06

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Write a Python program that prompts the user to enter a year. The program should determine if the year is a leap year or not and print the appropriate message.

**Input Format:**

- A single line contains an integer representing the year.

**Output Format:**

- Print "Leap year" if it is a leap year. Otherwise, print "Not a leap year".

Sample Test Cases

leapYear.py

Submit

1year = int(input())

2if (year % 4 == 0):

3 print( "Leap year")

4else:

5 print( "Not a leap year")

Average time

0.006 s

6.00 ms

Maximum time

0.008 s

8.00 ms

2 out of 2 shown test case(s) passed

2 out of 2 hidden test case(s) passed

Test case 18 ms

Expected output

2024

Leap year

Actual output

2024

Leap year

Test case 26 ms

Terminal

Test cases

< Prev

Reset

Submit

Next >