

Experiment 5

5.1.1 Leap Year Checker

Algorithm :

Step 1 : Start

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

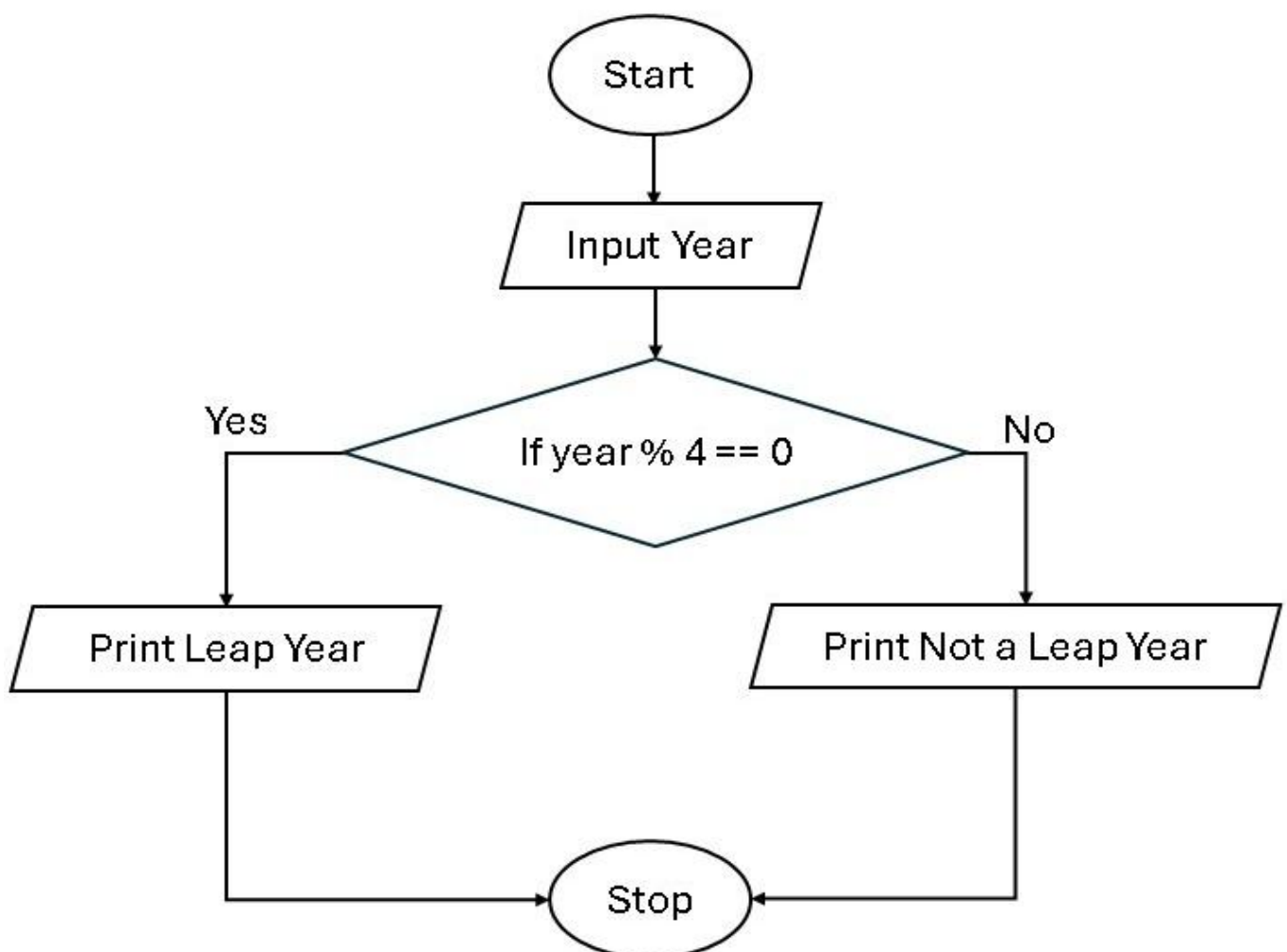
Print Leap Year

else

Print Not a Leap Year

Step 3 : Stop

Flowchart :



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

+

Code :

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

Execution :

leapYear.py

```
1 year=int(input())
2 if (year%4==0):
3     print("Leap year\n")
4 else:
5     print("Not a leap year\n")
```

Average time
0.013 s
13.25 ms

Maximum time
0.027 s
27.00 ms

2 out of 2 shown test case(s) passed

2 out of 2 hidden test case(s) passed

Test case 1 **17 ms**

Expected output
2024
Leap year

Actual output
2024
Leap year

Test case 2 **27 ms**

Terminal

Test cases