

Experiment 5

5.1.1 Leap Year Checker

Algorithm :

Step 1 : Start

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

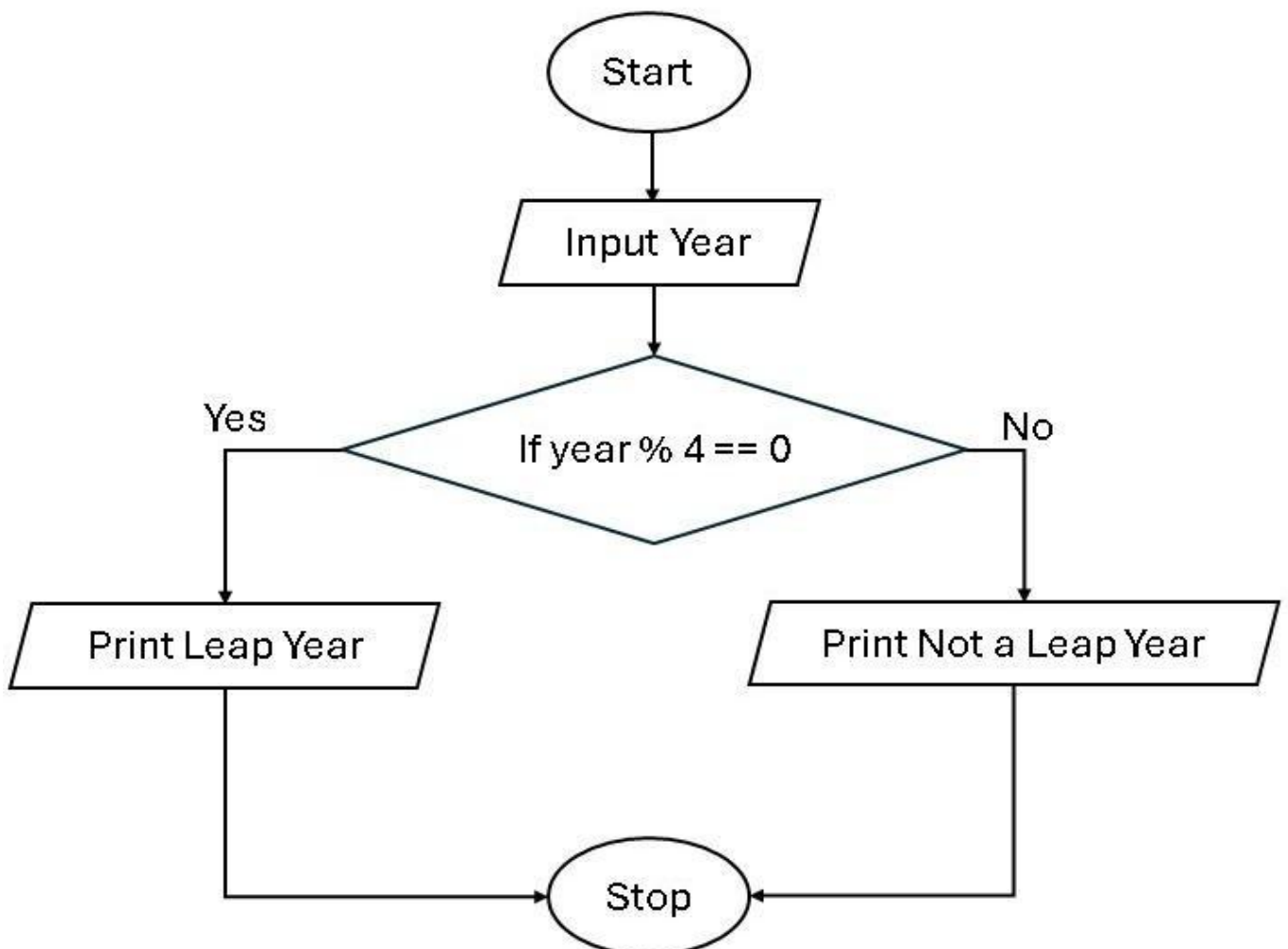
Print Leap Year

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".

Code :

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

Execution :

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5.1.1. Leap Year Checker

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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

Debugger

leapYear.py

```
1 # Type Content here...  
2 year = int(input())  
3 v if (year%4==0):  
4     →print("Leap year\n")  
5 v else:  
6     →print("Not a leap year\n")
```

Submit

Average time
0.004 s
3.50 ms

Maximum time
0.005 s
5.00 ms

2 out of 2 shown test case(s) passed

Test case 1 4 ms

Expected output
2024

Actual output
Leap year

Test case 2 2 ms

Debug

⋮

⏏

Terminal

Test cases

< Prev

Reset

Submit

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