

Experiment 5

5.1.1 Leap Year Checker

Algorithm :

Step 1 : Start

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

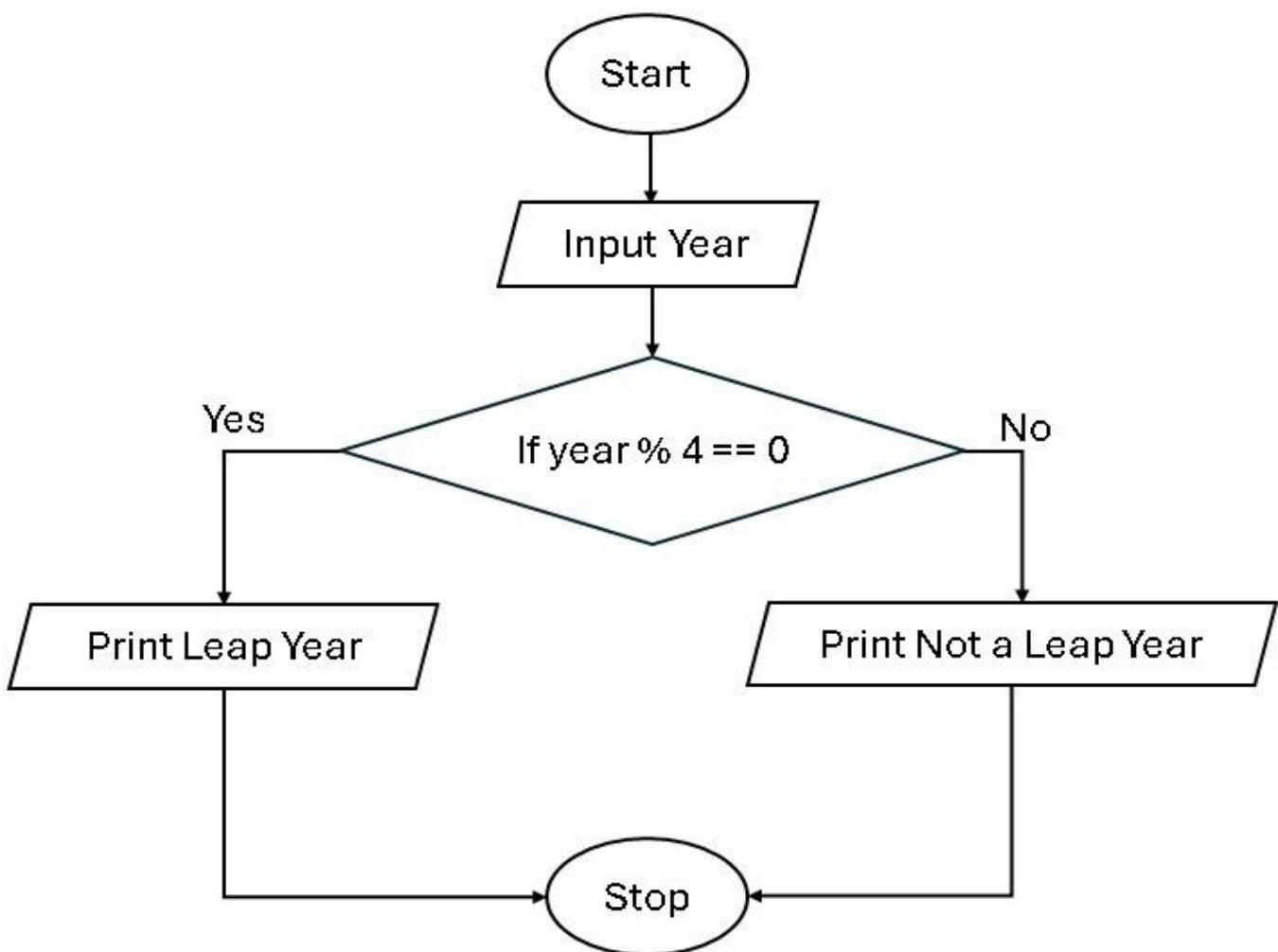
 Print Leap Year

else

 Print Not a Leap Year

Step 3 : Stop

Flowchart :



Code :

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

Execution :

The screenshot shows a Python code editor interface with the following details:

- Code Area:**

```
leapYear.py
1 year=int(input())
2 v if(year%4==0):
3   →print("Leap year\n")
4 v else:
5   →print("Not a leap year\n")
```
- Test Cases:**
 - Test Case 1:** Input 2024, Output Leap year, Status Passed (17 ms)
 - Test Case 2:** Input 2025, Output Not a leap year, Status Passed (27 ms)
- Metrics:**

Average time	Maximum time
0.013 s	0.027 s
13.25 ms	27.00 ms
- Buttons:** Logout, Debug, Submit, Explore, Test cases, < Prev, Reset, Next >

Bottom Right Panel: Sample Test Cases