

Experiment

5

5.1.1 Leap Year

Checker

Algorithm

:

Step 1 : Start

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

 Print Leap Year

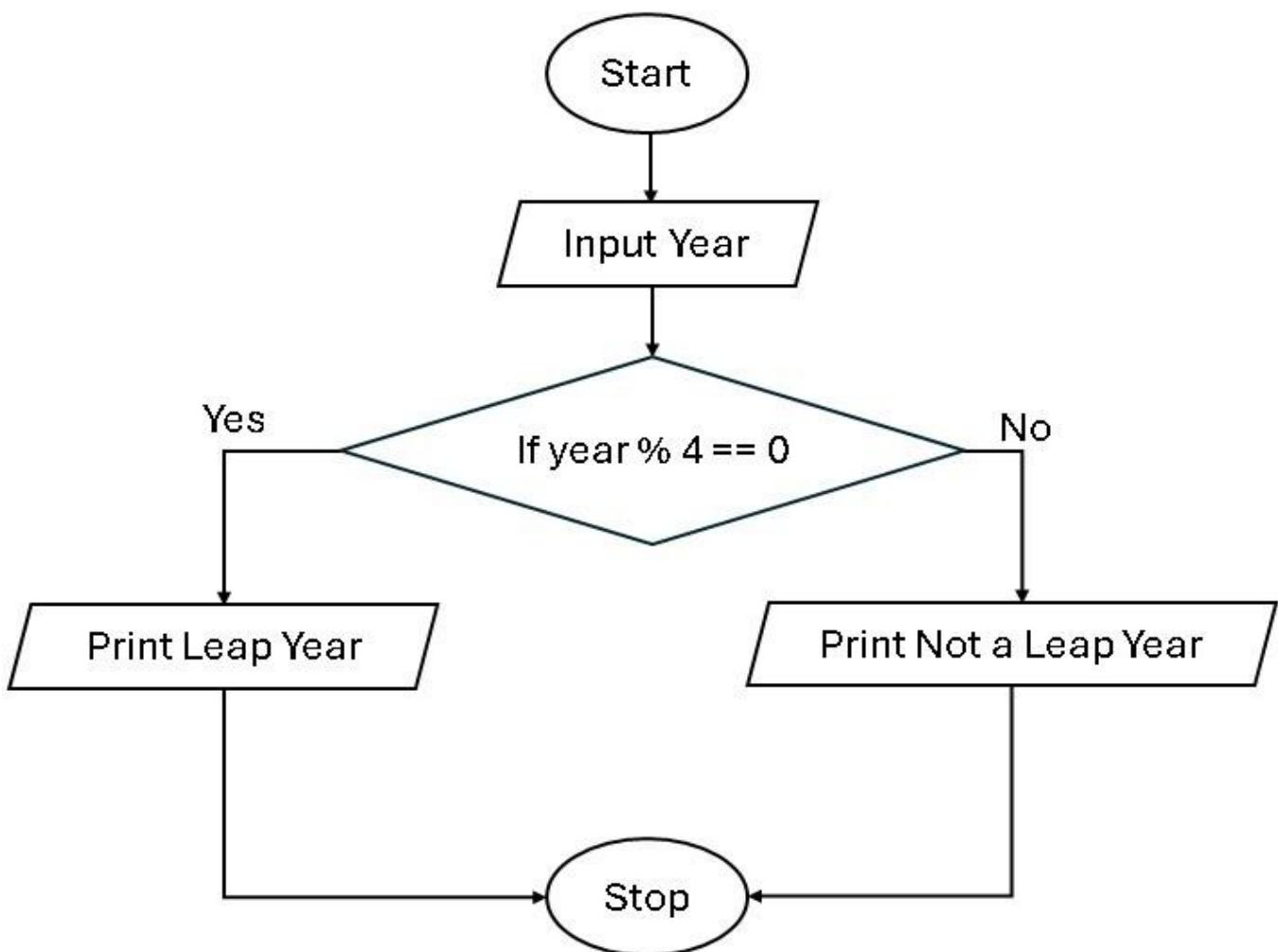
else

 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 the CodeTANTRA IDE interface with the following details:

- Title:** 5.1.1. Leap Year Checker
- Code Editor:** The code is named `leapYear.py`. It contains Python code to check if a year is a leap year and print the result.
- Output:** The output section shows two test cases:
 - Test case 1:** Input 2024, Expected output "Leap year", Actual output "Leap year". Status: Passed (0.004 s average time).
 - Test case 2:** Input 2024, Expected output "Leap year", Actual output "Leap year". Status: Passed (0.006 s average time).
- Test Cases:** A sidebar labeled "Sample Test Cases" is visible.
- Bottom Navigation:** Buttons for "Prev", "Reset", "Submit", and "Next >" are present.