EXPERIEMNT - 5

5.1.1 Leap Year Checker

ALGORITHM

Step 1: Start the program.

Step 2: Input the year from the user.

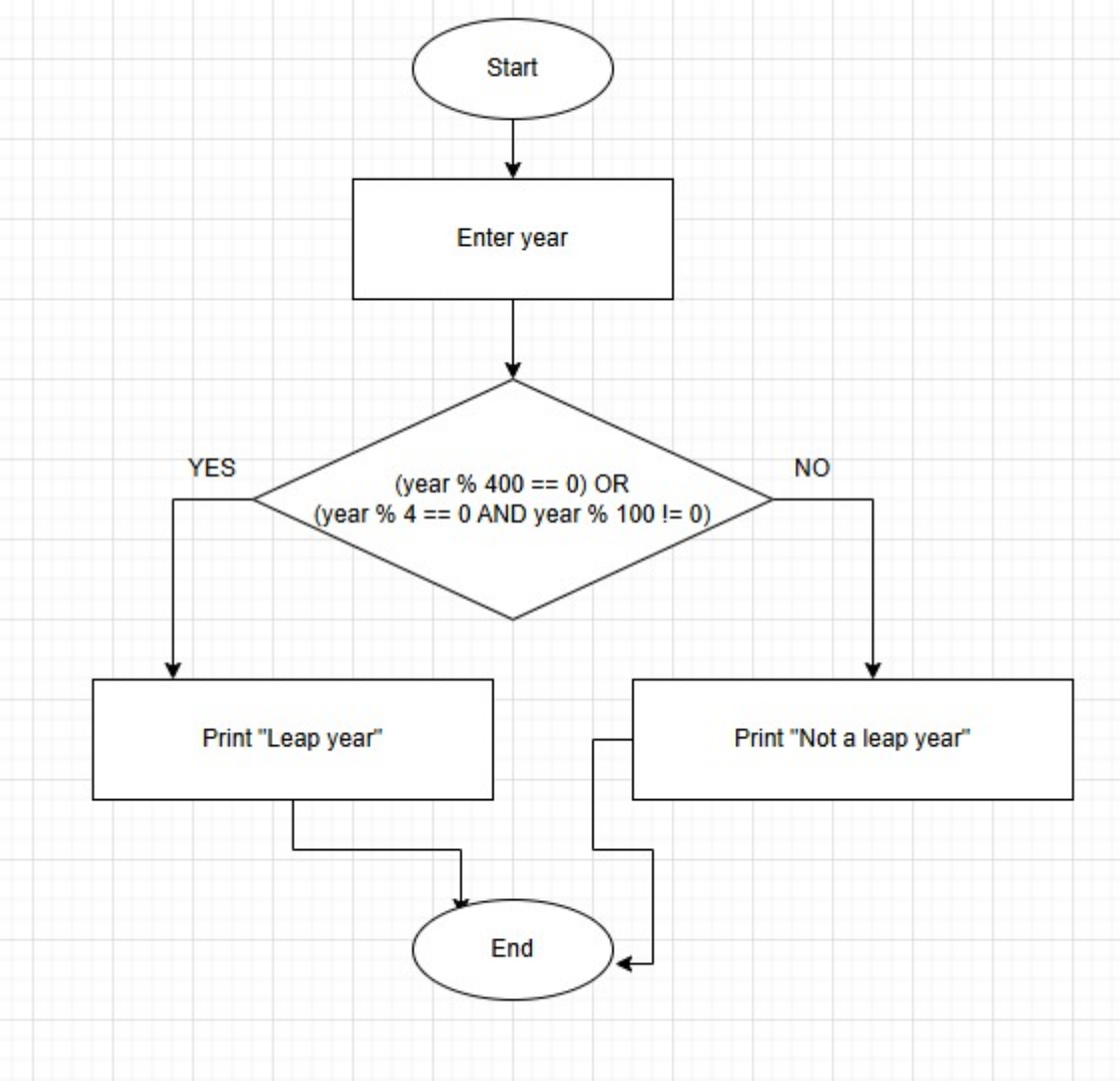
Step 3: Check if (year % 400 == 0) OR (year % 4 == 0 AND year % 100 != 0).

Step 4: If the condition is true, print "Leap year".

Step 5: Otherwise, print "Not a leap year".

Step 6: End the program.

FLOWCHART



PYTHON CODE

EXPERIEMNT - 5

```
year = int(input())
 if (year % 400 == 0) or (year % 4 == 0 and year % 100 != 0):
print("Leap year")
   else:
print("Not a leap year")
```

EXCECUTION