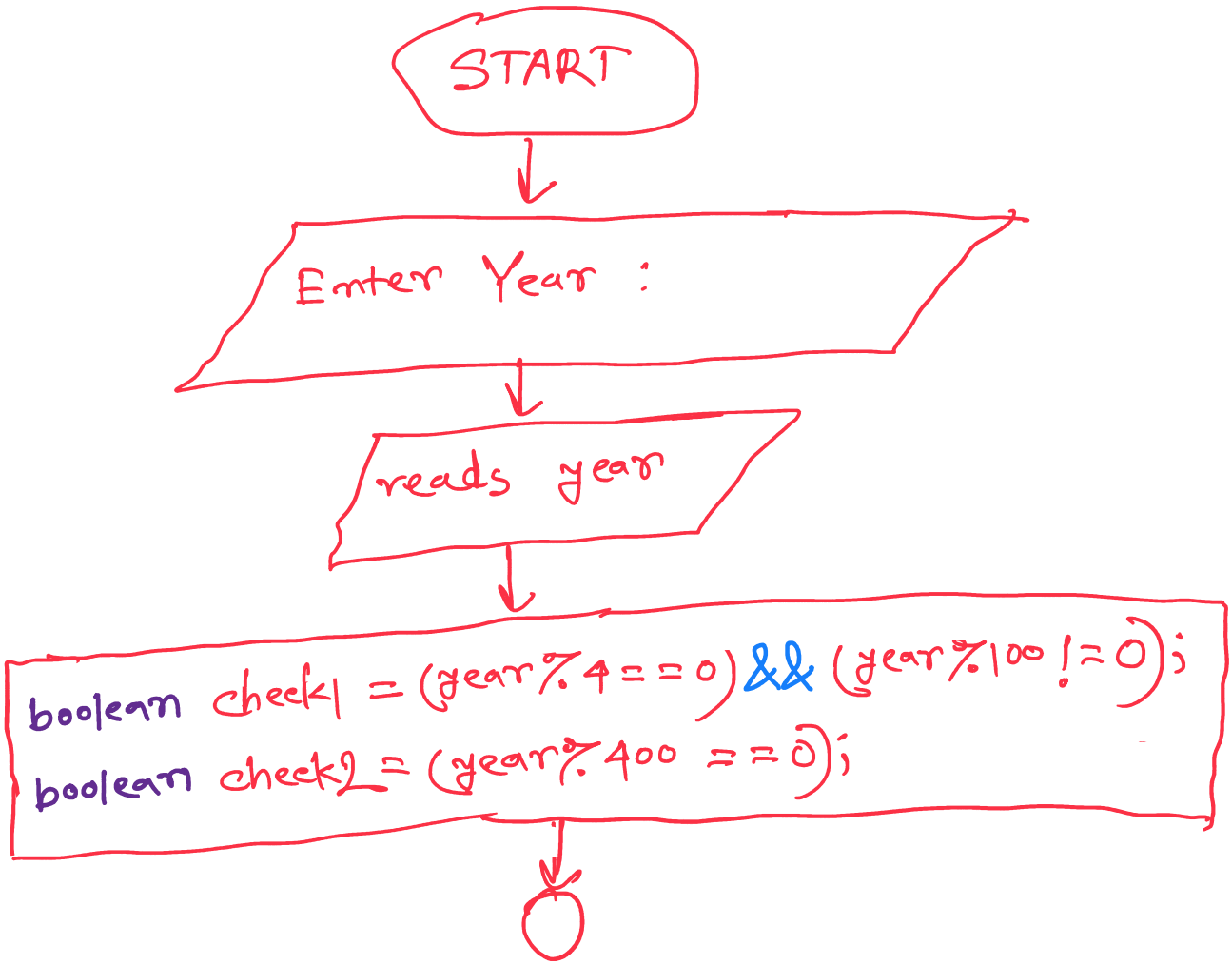
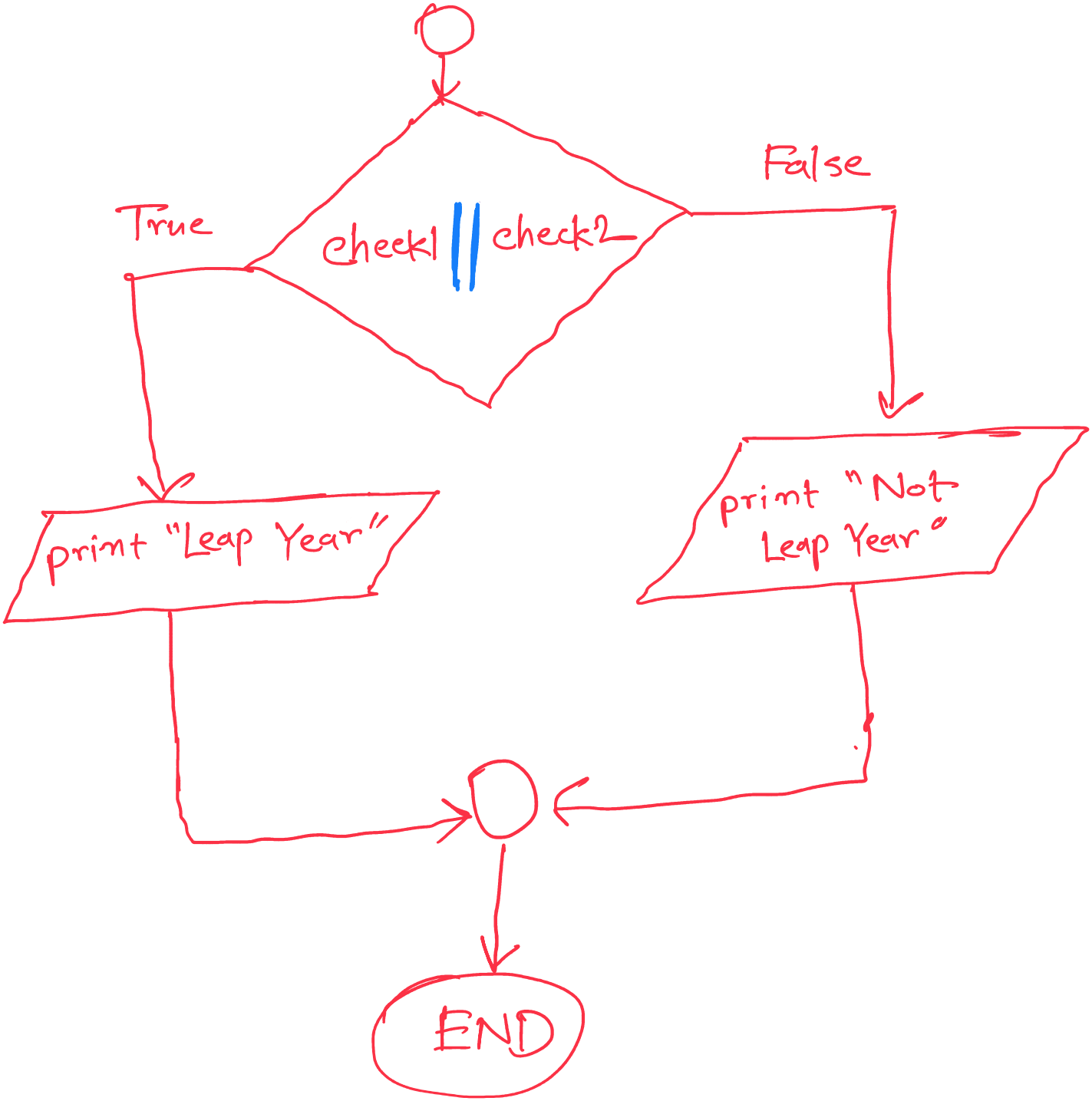
Rule of Finding Leap year

To determine whether a given year is a leap year, we can use a set of rules based on the Gregorian calendar, which most of the world uses today. The logic involves simple arithmetic and modular arithmetic (division with remainders). Here are the steps:

1. **Basic Rule:**
   A year is a leap year if it is evenly divisible by 4.
2. **Exception to the Basic Rule:**
   However, if the year is also evenly divisible by 100, it is not a leap year.
3. **Exception to the Exception:**
   If the year is evenly divisible by 400, it is a leap year regardless of the previous rule.

Flowchart




check1 || check2
True
False
print "Leap Year"
print "Not Leap Year"
END