

6. Write a Java program to find whether the given year is leap year or not.

Algorithm:

1. Take a year  $y$  as input.
2. Check if  $y$  is divisible by 400.
3. If step 2 is true, print  $y$  as a leap year.
4. If step 2 is false, check if  $y$  is divisible by 100.
5. If step 4 is true, print  $y$  is not a leap year.
6. If step 4 is false, check if  $y$  is divisible by 4.
7. If step 6 is true, print  $y$  is a leap year. else print  $y$  is not a leap year.

Flowchart:

