

0.1 IsLeapYear Method

When running the program, the user is prompted to type in a year. If the user types an incorrect year such as a string, an exception will let the user know they have to write the year as a number.

After the user has typed in a year, the program will determine at first if it's divisible by 4. If not, the program will let the user know it's not a leap year. If it is divisible by 4, the program will then determine if the year is divisible by 100. If not, it's a leap year. If it is divisible by 100 the program will determine if it's divisible by 400. If not, it's not a leap year. If it is divisible by 400 it's a leap year.

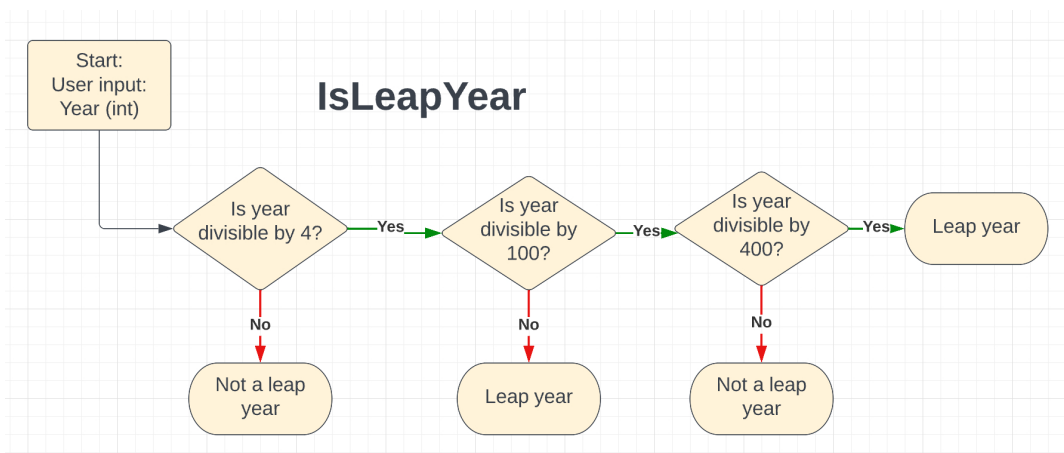


Figure 1: Diagram that illustrates the IsLeapYear Method.