Leap Year Algorithm

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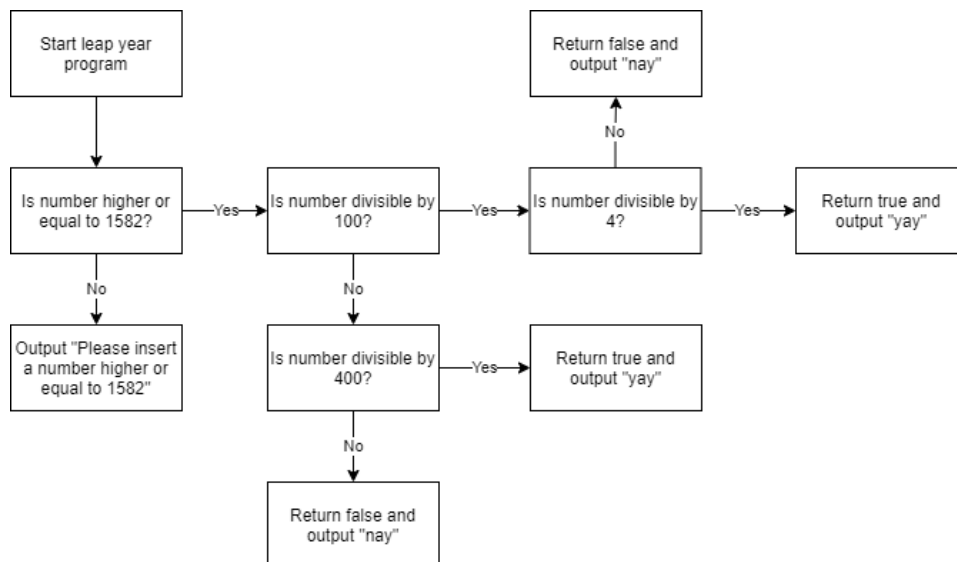September 06, 2021

The Algorithm

Figure 1: IsLeapYear method diagram

When the program starts, the user is asked to enter a number to check whether it's a leap year. When an input has been entered, it is converted to an integer. In case the user types an invalid string that cannot be converted to an integer, an exception is caught, and the user is informed. If the user types a valid number, the method continues. The number must also be higher than 1582.

If the year is divisible by 100, it will only return true if the year is also divisible by 400.

If it is not divisible by 100, it will only return true if the year is divisible by 4.

https://github.com/REXKrash/BDSA2021-Assignment0