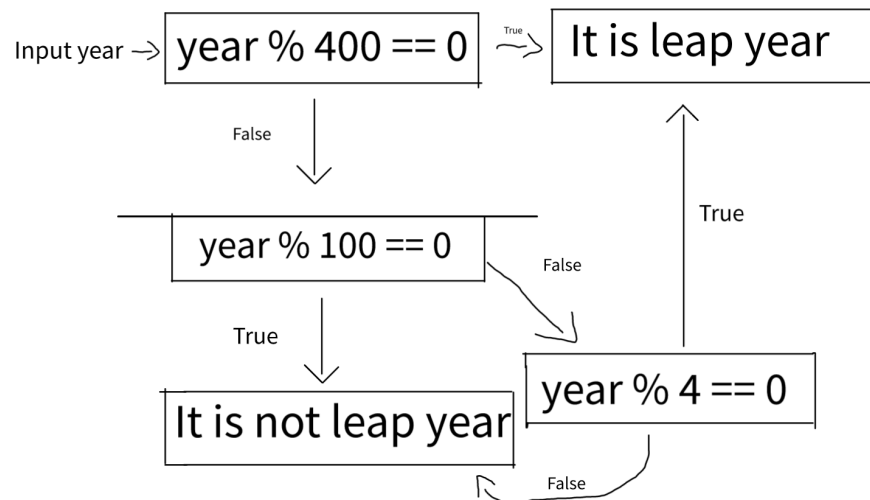# BSDA2021 - Assignment 0

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## 1  IsLeapYear

Below is a model of my IsLeapYear funtion.



The function starts off, by getting an input from the user. After getting the input, and stars by checking whether or not, the input is modulo 400. If it returns true, it knows that it is a leap year, and therefore it can go to the "It is leap year" box. If it returns false, it then checks if year is modulo 100. If it returns true, it can conclude that it is not a leap year. If it returns false, it continues to the year is modulo 0. If that returns false, it is not a leap year. If it returns true, it is a leap year.