Documentation of isLeapYear algorithm

Casper Wassar Skourup

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1 Explanation of the algorithm

The algorithm starts by checking if the inputted integer modulus 4 is equal to 0. If this is incorrect it is not a leap year and will return false. If it is correct we checks if the input modulus 100 is equal to 0. If the is incorrect it is a leap year and the method will return true. If it is correct the input we check if the input modulus 400 is equal to 0. If this is correct it is a leep year and the method returns true. If it is incorrect it is not a leap year and the method returns false.
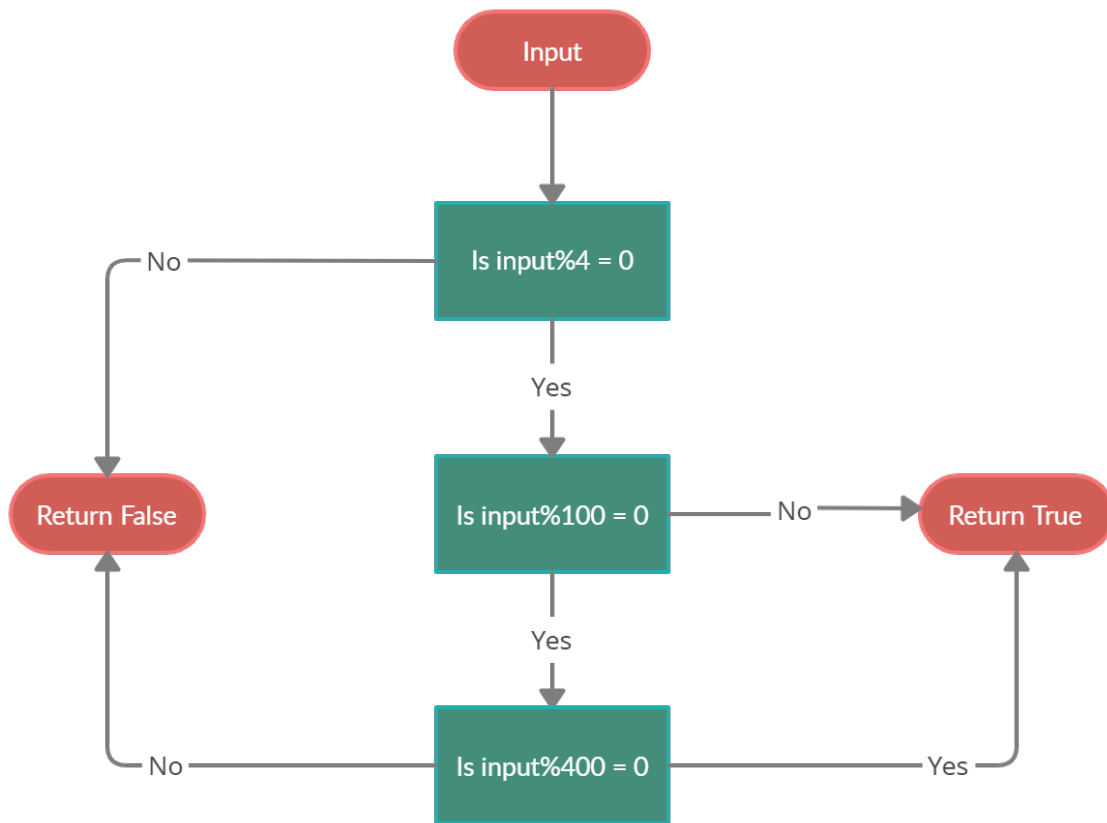

Figure 1: UML of isLeapYear()