

Assignment00

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1 Algorithm

1.1 Light Explanation

The very beautiful image found on the next page describes how the `IsLeapYear` method works. It takes a year as input and then with an `is else` statement checks if the year modulo 4 is equal to 0. if this is true it continues to a new `if else` statement, if it is false it returns false. In the next `if else` statement it tests if the given year modulo 100 is NOT zero OR if the given year modulo 400 IS zero. If this is true it returns true. if it is false it goes into the `else` statement and returns false.

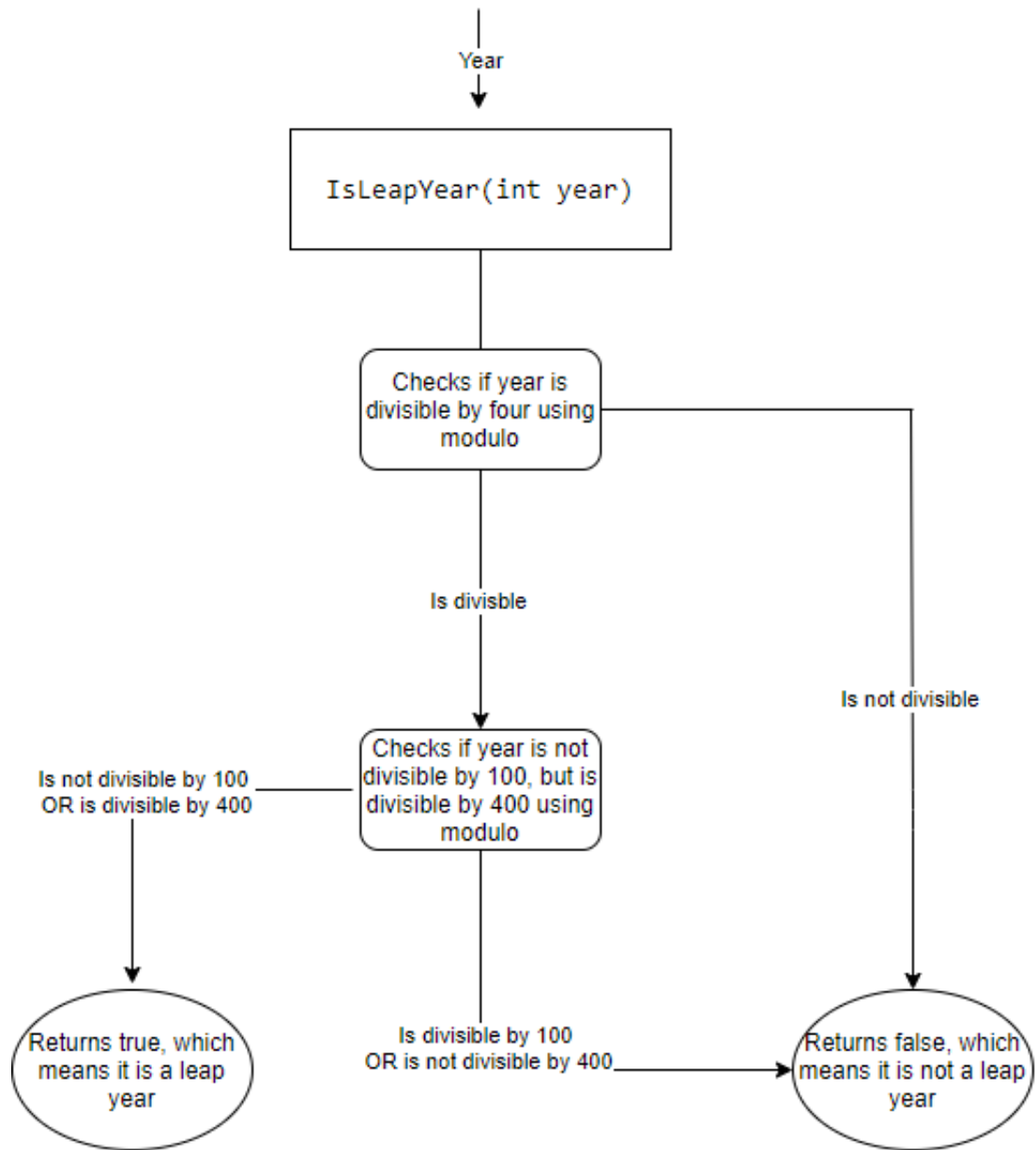


Figure 1: My beautiful drawing