

Assignment 0

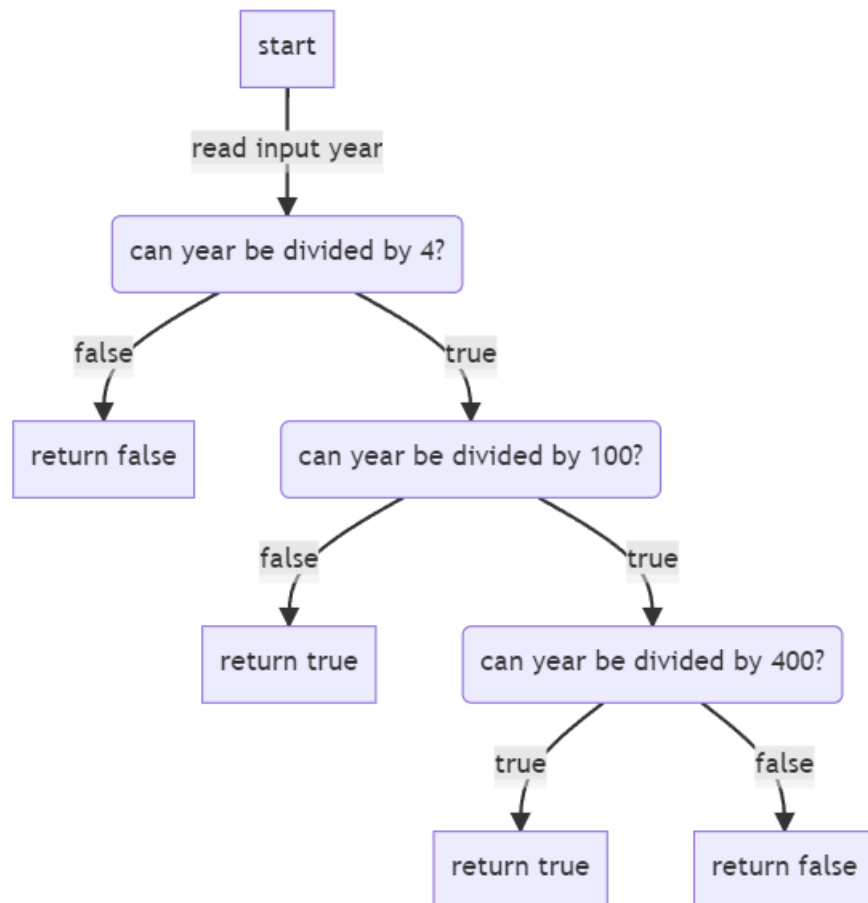
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[Link for source code - Github Assignment 0](#)

1 Diagram



2 Documentation

The function `IsLeapYear` takes an integer as input and then checks if that integer can be divided by 4. If the integer is dividable by 4 then it checks if the integer also is dividable by 100. If it can not be divided by 100 then we know that the year is a leap year and the function returns true. But if it is dividable by 100 then it can only be a leap year if it also is dividable by 400. Therefore the function returns true if it can be divided by 400 and false if it can not.