

## 1 Documenting

The logic in `IsLeapYear()` is designed to do the following:

- If earlier than 1582 exception thrown.
- If not earlier than 1582  $\rightarrow$  method checks if input is divisible by 4
- If it is divisible by 4 it now checks if it is divisible by 100
- If it is divisible 100 it now checks whether it is divisible by 400
- If it is divisible by 400 it returns true.

