

# BDSA assignment 0

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## 1 Documentation

What happens in `IsLeapYear()`: If the year is earlier than 1582 an argument exception is thrown. If it is not earlier, the method checks whether the year can be divided by 4. If no, the method returns false and if yes the method checks if the year can be divided by 100. If no it returns false and if yes it checks if the year can be divided by 400. If no it returns false and if yes it returns true.

The diagram can be found on the next page.

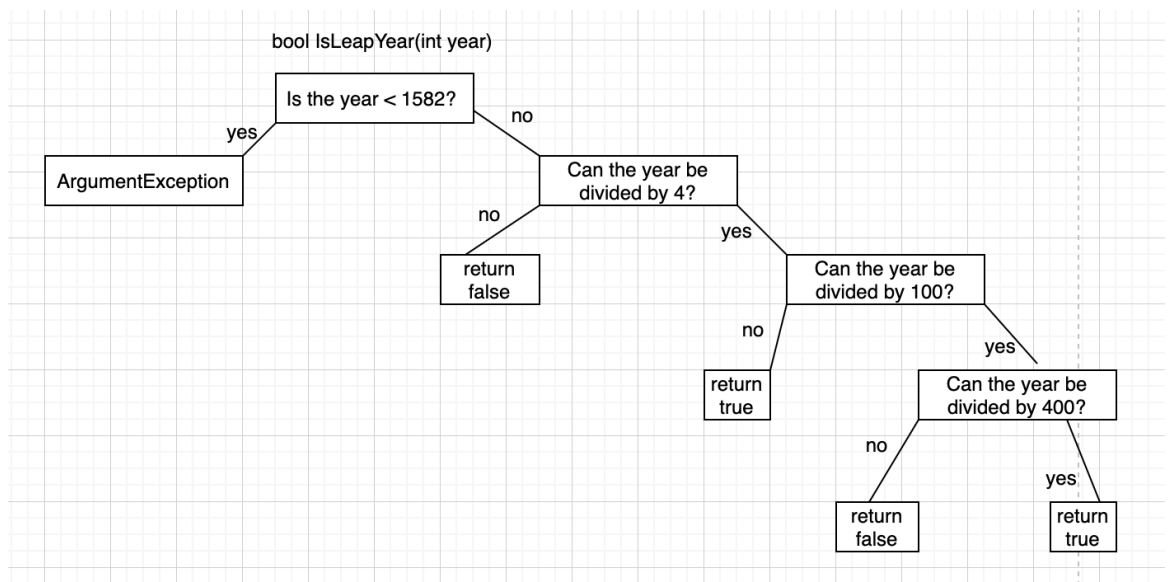


Figure 1: Diagram of IsLeapYear()