

Assignment00

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1 Exercise 9

- The picture on next side is a diagram visualizing the IsLeapYear function. It works by the user typing an input, and then the function prints out "yay", if it is a leapyear, and "nay" if it is not a leapyear.
- It starts of by getting an input and checking if the year is after 1582. If it is before the function throws an exception. If not the function checks a number of things: divisible by four is a leap year, except for years that are exactly divisible by 100, but these centurial years are leap years if they are exactly divisible by 400. And will then return either a "false" or "true" depending on what year is typed in.
- The method IsLeapYear is being used in the main method where it checks if the input is "true", and prints "yay", or false and prints "nay"
- Besides this the inputReader checks if the input is an integer, and returns an Exception if it is not.

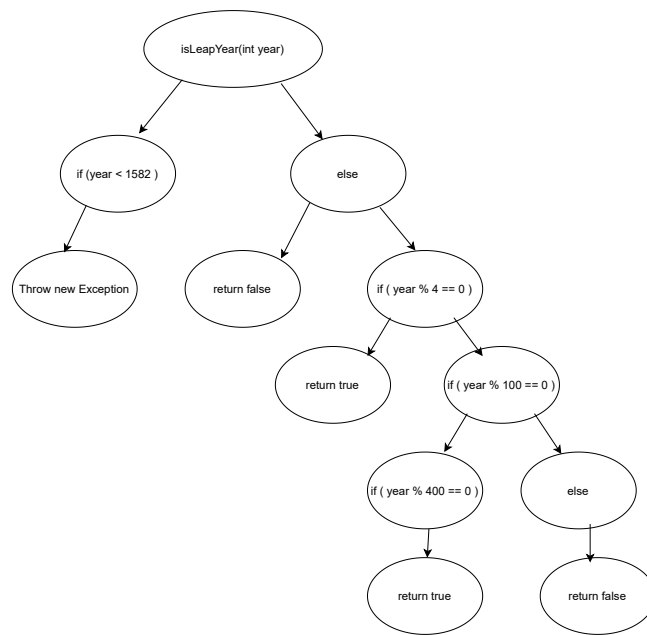


Figure 1: Exercise 8