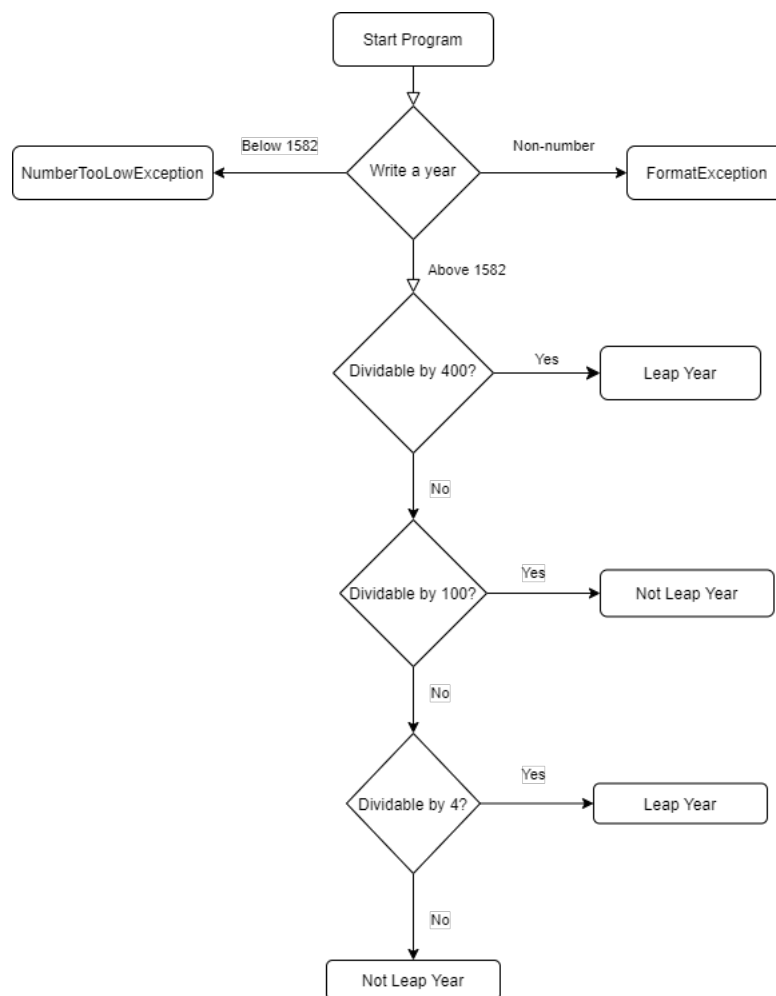# BDSA Assignment0

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As seen in the diagram above, the program starts by asking the user to input a year. If the input from the user doesn't contain numbers, it will throw a FormatException. If the year is smaller than 1582, it will throw a Number-TooLowException.

If none of the exceptions are true, the program will follow the diagram downwards by first asking if the year is dividable by 400, if yes, it is a leap year, if no we go down a step more. In the next step it asks if the number is dividable by 100, if yes, it is not a leap year, if yes we try one last thing. Here the question is if it's dividable by 4, if yes, then it is a leap year, if not then it is not a leap year. This is where the diagram ends.