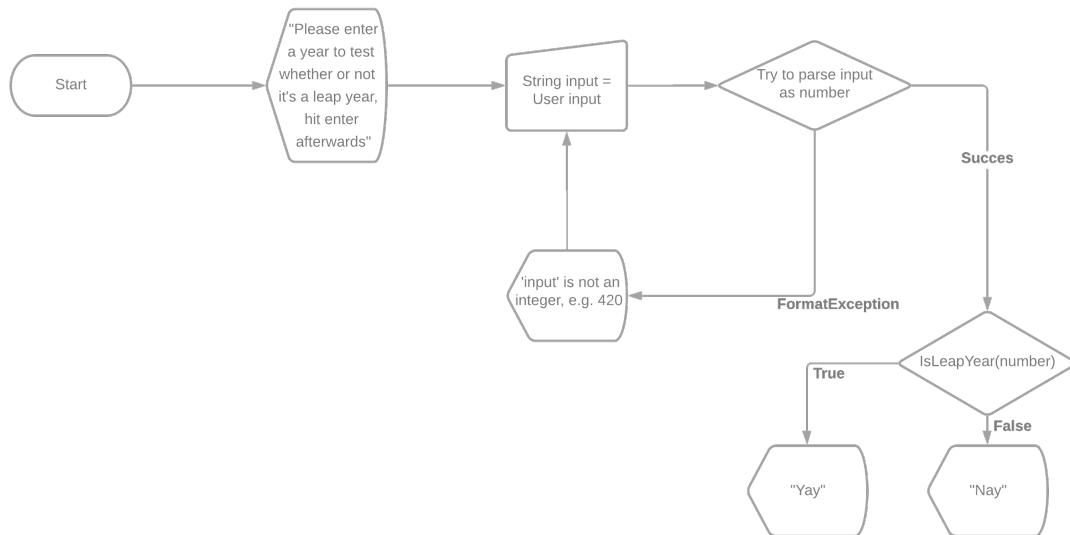


1 Assignment 0

1.1 Algorithm diagram



The above diagram visualises the `IsLeapYear()` methods inner workings, from start to finish.

First the program displays an instructional message to the user: *Please enter a year to test whether or not it's a leap year, hit enter afterwards.*, where the program will await a user input. Once received the program will try to convert it into an integer (because years are whole numbers), should this action fail, thus returning a `FormatException`, a message informing the user that the given input was not an integer will be displayed and while giving the user an example. Once the user gives the program a proper integer it'll determine whether or not the given year is/was a leap year, displaying either *Yay* for; yes the given year is a leap year or *Nay* for; no the given year is not a leap year.