isLeapYear

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September 9, 2021

My Submission : https://github.com/jfbentsen/MyFirstCs

1   Introduction to algorithm

My algorithm evaluates whether or not the input year is a leap year. It does this by first checking for the input mod(4) if this is not 0 the year is not a leap year and that conclusion is printed in the terminal.

If the input mod(4) is equal to 0 the algorithm needs to check further and then checks for its mod(100) if this is not 0 the year is in fact a leap year and that fact is printed in the terminal. If it were equal to 0 the algorithm needs to check further and then checks if the input mod(400) is equal to 0.

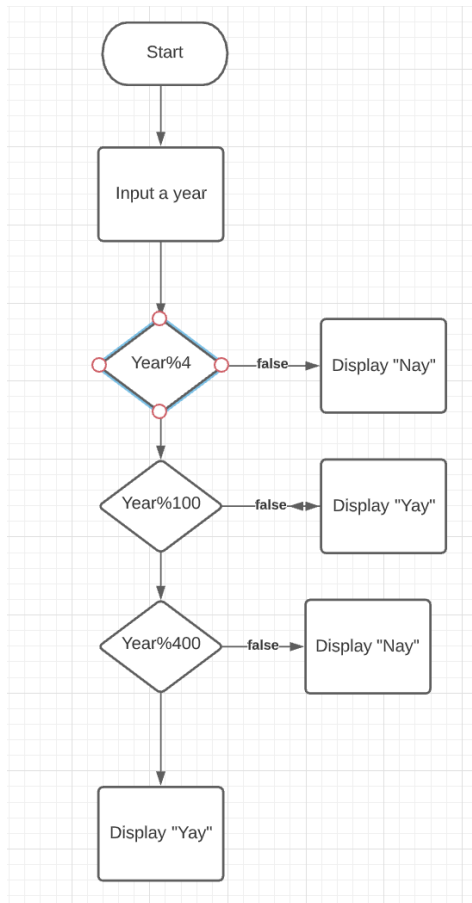if it is input is in fact a leap year and this is printed but if it is not equal to 0 it is not a leap year and this is printed. On the next page you can find a Diagram of the algorithm

Figure 1: Diagram of the algorithm