

Exercise 9 - LaTeX

September 9, 2021

1 UML Sequence Diagram

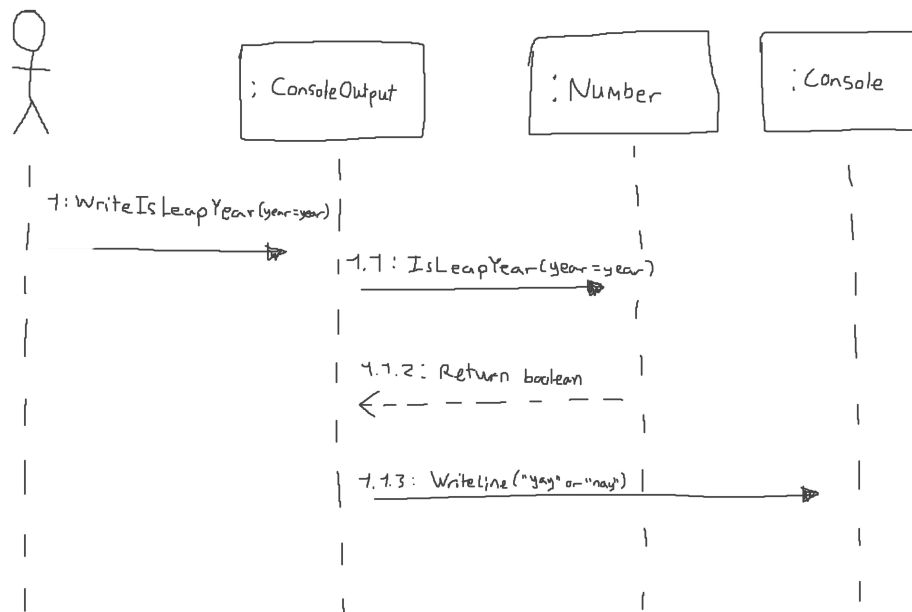


Figure 1: This is my attempt at making a UML Sequence Diagram, and I'm sure it's missing a lot, but I couldn't say what that would be. The sequence I've tried to model is as follows. The user calls the static method 'WriteIsLeapYear' on the class 'ConsoleOutput', with the year given from the user. From here the WriteIsLeapYear function calls the static function 'IsLeapYear' with the input after it's been converted to an integer. The function then returns a boolean which is then used to answer the user by printing yay or nay to the console with the function 'WriteLine' on the Console class.