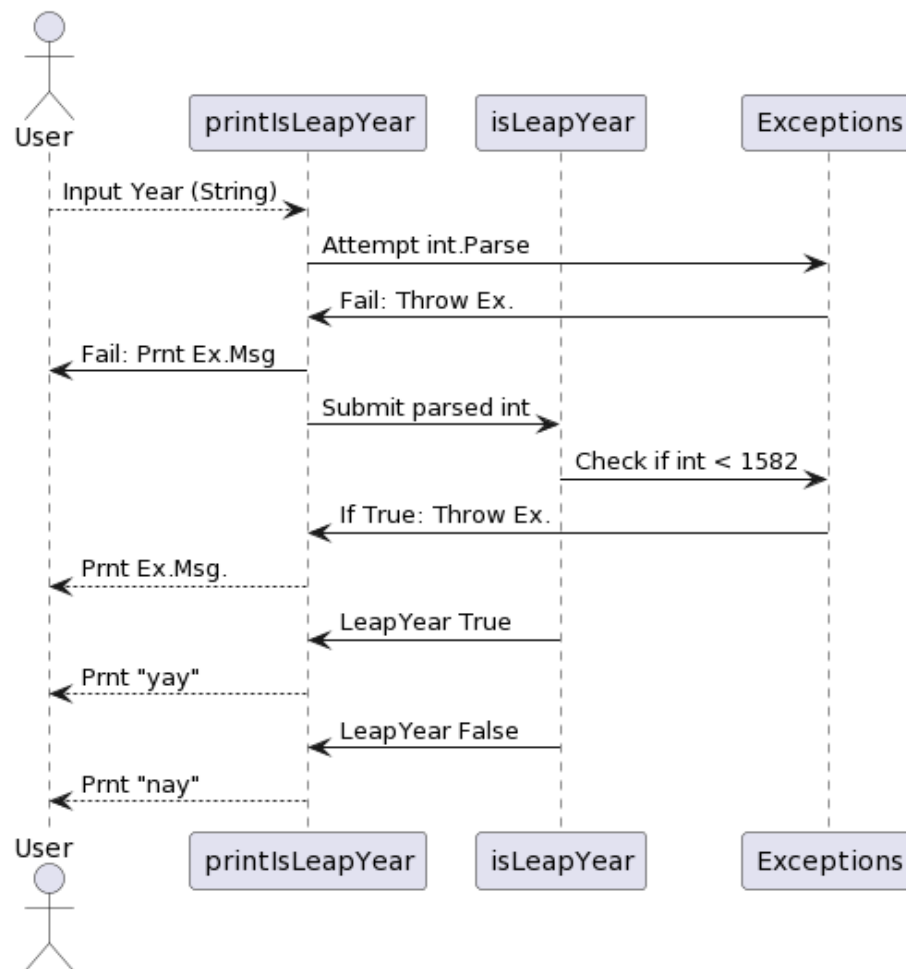


BDSA

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Description

When the program is run the main method prompts the user for an input of type string. The main method then calls the `printIsLeapYear` method in the `Year` class with the input as a parameter. `PrintIsLeapYear` now attempts to parse the string into an int, making sure to throw an exception should it encounter trouble in the process. If it fails, an exception messages is printed in the console and the program is done. If it is succesful `printIsLeapYear` tries to call the `isLeapYear` method with the int as parameter. `IsLeapYear` checks if the int is less than 1582, throwing an exception if it is. This exception is caught by `printIsLeapYear`, which then prints an exception message in the console. If it isn't, `isLeapYear` checks whether or not the int matches the logic of a leapYear or not. If it does, it returns true, which then tells `printIsLeapYear` to print "yay" in the console. If it does not, it returns false, which then tells `printIsLeapYear` to print "nay" in the console.