Documentation of isLeapYear method

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1 UML diagram of method isLeapYear()

Figure 1 illustrates the method LeapYear :: isLeapYear and how it works. The figure on the next page. The method takes an integer Year as a parameter. For Year to be a leap year, it has to be accepted by four conditions. First it checks if the input is divisible by 4, if not return false , otherwise continue. Then it checks if the input is not divisible by 100, if not return false , otherwise continue. Then it again checks if the input is divisible by 4, if not return false , if otherwise continue. Then it checks if the input is divisible by 400, if not return false , if correct then return true

LeapYear :: main then prints "Yay" or "Nay" depending on which boolean value LeapYear :: isLeapYear returns.

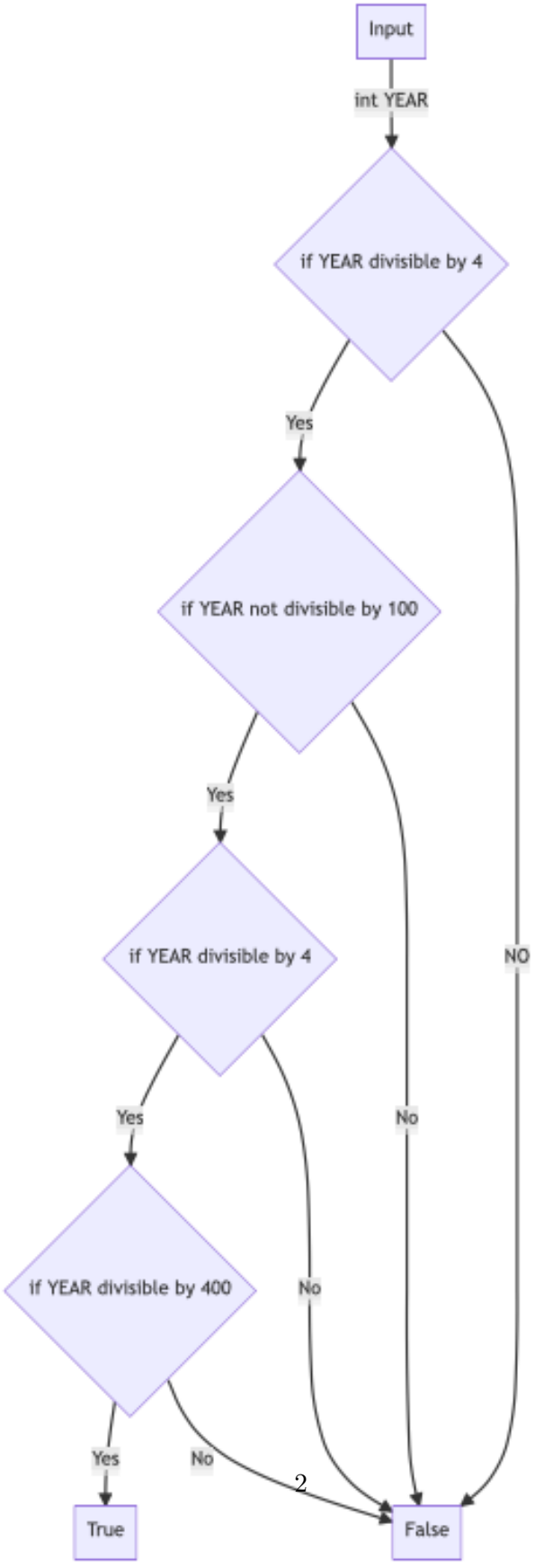

Figure 1: UML diagram of isLeapYear