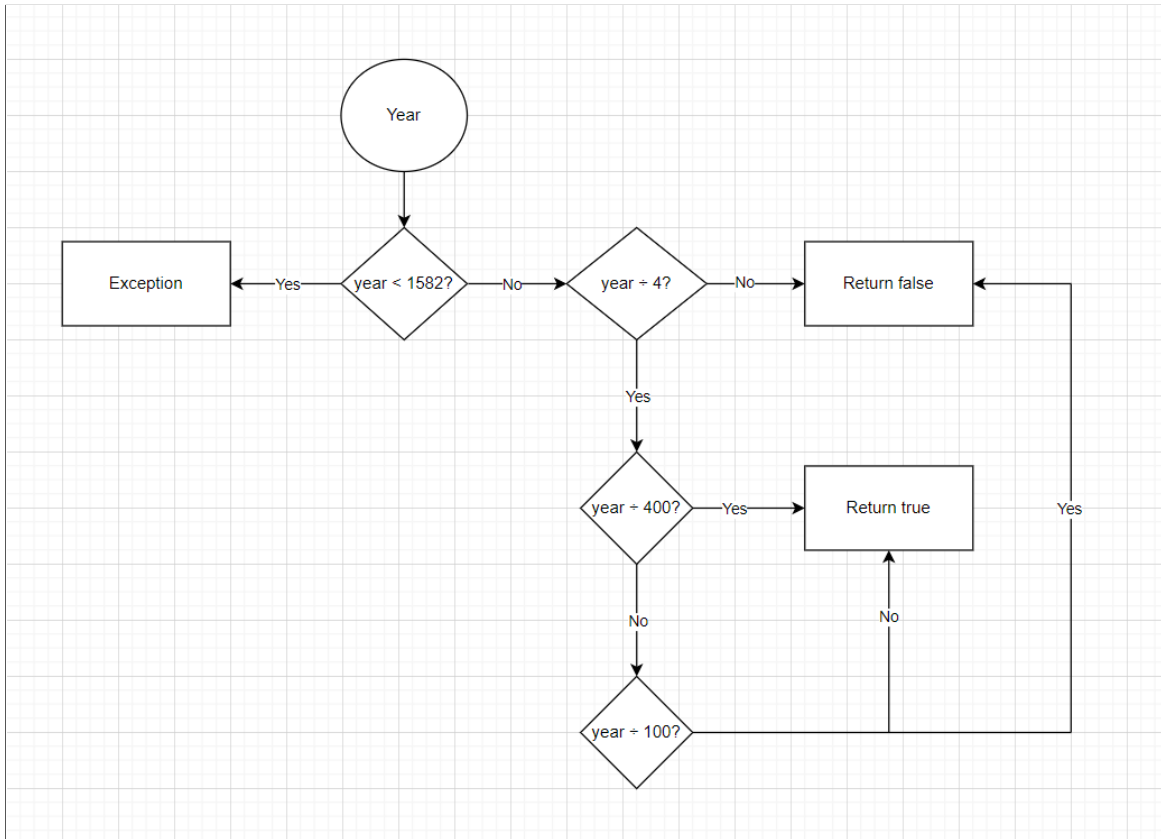


Assignment 0

Sarah Christiansen, BDSA '21

<https://github.com/sarahcecilie/As00>



The algorithm will start by taking a year in the form of an integer as its input. If the year entered is from before 1582, the function will throw an exception and the user will receive a message saying they need to put in a later year. Otherwise the function will move on to the next if statement. Here it checks whether or not the year entered can be exactly divided by 4. If the answer is no, the function will return false. If the answer is yes, the algorithm will then move on to the inner part of the if statement. Here it will start by checking if the year can be exactly divided by 400. If yes, then the algorithm returns true. If no, we move on to the last if statement. Here it checks if the year can be exactly divided by 100. If that's the case, then the function will return false. Otherwise it will return true.