

//getDateOfTheNextDay

(month = 1 or month = 3 or  
month = 5 or month = 7 or  
month = 8 or month = 10) and  
day = 31

(month = 4 or month = 6 or  
month = 9 or month = 11 ) and  
day = 30

month = 12 and  
day = 31

month = 2

day < 31 and  
isLeap(year)

day < 31 and not  
isLeap(year)

day = day + 1  
month = month + 1

day = day + 1

day = day + 1

day = day + 1  
month = month + 1

day = day + 1;

day, month, year

End

//isYearLeap

(year mod 4 = 0 and year mod 100 ≠ 0) or  
(year mod 4 = 0 and year mod 100 = 0 and  
year mod 400 = 0)

true

false

End