

#Write a program that determines whether a year entered by the user is a leap year or not using ifelif_else statements

year = 2020

#to get leap year(integer input) from the user

#year = int(input("Enter a year:"))

#divided by 100 means century year(ending with 00)

#century year divided by 400 is leap year

if (year % 400 == 0) and (year % 100 == 0):

print("{0} is a leap year".format(year))

#not divided by 100 means not a century year

#year divided by 4 is a leap year

elif (year % 4 ==0) and (year % 100 != 0):

print("{0} is a leap year".format(year))

#if not divided by both 400 (century year) and 4 (not century year)

year is not leap year