**Task**

Given a year, determine whether it is a leap year. If it is a leap year, return the Boolean True, otherwise return False.

Note that the code stub provided reads from STDIN and passes arguments to the is\_leap function. It is only necessary to complete the is\_leap function

def is\_leap(year):

    leap = False

    if (year % 400 == 0):

        return True

    elif(year % 100 == 0):

        return leap

    elif (year % 4 == 0):

        return True

    else:

        return False

    return leap

year = int(input())

print(is\_leap(year))