12. Check if a given number is Perfect Number

def is\_perfect\_number(num):

if num <= 1:

return False

divisors\_sum = 0

for i in range(1, num // 2 + 1):

if num % i == 0:

divisors\_sum += i

return divisors\_sum == num

# Example usage:

number = int(input("Enter a number: "))

if is\_perfect\_number(number):

print(f"{number} is a Perfect Number")

else:

print(f"{number} is NOT a Perfect Number")