Write a program to print the given number is Perfect number or not?

Sample Input: Given Number: 6

Sample Output: Its a Perfect Number

CODE:

def is\_perfect\_number(num):

sum\_of\_divisors = 1 # 1 is always a divisor

for i in range(2, int(num\*\*0.5) + 1):

if num % i == 0:

sum\_of\_divisors += i

if i != num // i:

sum\_of\_divisors += num // i

return sum\_of\_divisors == num

# Example usage:

given\_number = int(input("Enter a number: "))

if is\_perfect\_number(given\_number):

print(f"{given\_number} is a Perfect Number.")

else:

print(f"{given\_number} is not a Perfect Number.")

OUTPUT:

Enter a number: 6

6 is a Perfect Number.

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