TITLE: Write a python program to check the given number is Armstrong or not using recursive function.

# Python program to check if the number is an Armstrong number or not

# take input from the user

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

# initialize sum

sum = 0

# find the sum of the cube of each digit

temp = num

while temp > 0:

digit = temp % 10

sum += digit \*\* 3

temp //= 10

# display the result

if num == sum:

print(num,"is an Armstrong number")

else:

print(num,"is not an Armstrong number")

output: Enter a number: 663

663 is not a Armstrong number

Enter a number: 407

407 is an Armstrong number