def order(n):

return len(str(n))

def is\_armstrong(n, order):

if n == 0:

return 0

else:

return (n % 10) \*\* order + is\_armstrong(n // 10, order)

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

order\_num = order(num)

if num == is\_armstrong(num, order\_num):

print(num, "is an Armstrong number.")

else:

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

Output:153,is an Armstrong number.