def power(x, y):

if y == 0:

return 1

if y % 2 == 0:

return power(x, y // 2) \* power(x, y // 2)

return x \* power(x, y // 2) \* power(x, y // 2)

# Function to calculate order of the number

def order(x):

# Variable to store of the number

n = 0

while (x != 0):

n = n + 1

x = x // 10

return n

def isArmstrong(x):

n = order(x)

temp = x

sum1 = 0

while (temp != 0):

r = temp % 10

sum1 = sum1 + power(r, n)

temp = temp // 10

return (sum1 == x)

x = 153

print(isArmstrong(x))

x = 1253

print(isArmstrong(x))