Program:

def recur\_factorial(n):

if n == 1:

return n

else:

return n\*recur\_factorial(n-1)

num = 5

# check if the number is negative

if num < 0:

print("Sorry, factorial does not exist for negative numbers")

elif num == 0:

print("The factorial of 0 is 1")

else:

print("The factorial of", num, "is", recur\_factorial(num))

Output:120