Input:

def recur\_factorial(n):

if(n==1):

return n

else:

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

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

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:

Enter a number:5

The factorial of 5 is 120