def print\_factors(x):

print("The factors of",x,"are:")

for i in range(1, x + 1):

print(i)

num = 0

print\_factors(num)

factorial = 1

if num < 0:

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

elif num == 0:

print("The factorial of 0 is 1")

else:

for i in range(1,num + 1):

factorial = factorial\*i

print("The factorial of",num,"is",factorial)