def recur\_factorial(n):

if n==1:

return n

else:

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

#taken input from the user

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

#check is the number is negative

if num<0:

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

elif num==0:

print("The factorial of 0 is 1")

else:

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