def factorial(x):

  if x == 0:

      return 1

  elif x != 0:

      return x \* factorial(x-1)

x=int(input("Type a number, and we'll calculate the factorial! (no negative numbers) : "))

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

f=open("factorial answer.txt", "a+")

for i in range (1):

f.write("The factorial of " + str(x) + " is " +  str(factorial(x)))

f.close()