**Summative day 3**

**1/2/3.**

def factorial(n):

if n == 0:

return 1

else:

return n \* factorial(n-1)

n=int(input("Put in a number to find the factiorial of that number: "))

print(factorial(n))

**4.**

F = open("test.txt","w+")

lineNumber = 0

while True :

lineNumber += 1

userPrompt = "Do you want to factiorial of a number" + str(lineNumber) + " : "

userText = input(userPrompt)

if userText == "STOP" :

break

n=int(input("Put in a number to find the factiorial of that number: "))

print(factorial(n))

results = factorial(n)

F.writelines(str(results))

F.close()