

Assignment -1

A1) lower = int(input("Enter lower range :"))
upper = int(input("Enter upper range :"))

for num in range(lower, upper+1):

 if num < 1:

 print(num)

 for i in range(2, num):

 if (num % i) == 0:

 break

 else:

 print(num)

A2) num = int(input("Enter a number :"))

factorial = 1

if num < 0:

 print("Sorry, factorial does not exist")

elif num == 0:

 print("The factorial of 0 is 1")

else:

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

 factorial *= i

 print(f"The factorial of {num} is {factorial}")

#3) num = 16

if num < 0:
print ("Enter a positive number")

else:
sum = 0
while (num > 0):

num + = num
num - = 1
print ("The sum is", sum)