**#Sample program to define parameter function with default argument**

def my\_function(country = "India"):  
   print("I am from " + country)  
  
my\_function("Sweden")  
my\_function("Sri Lanka")  
my\_function()  
my\_function("Brazil")

**#Sample Program to illustrate Recursion program to find sum of Ist N natural numbers**

def tri\_recursion(k):

if(k > 0):

result = k + tri\_recursion(k - 1)

else:

result = 0

return result

print("\n\nRecursion Example Result")

res=tri\_recursion(2)

print(res)

**#Sample Program to illustrate Recursion program to find factorial of a given number**

def factorial(n):

if(k == 0):

result = 1

else:

result = n \*factorial(n - 1)

return result

print("\n\nRecursion Example Result")

k=int(input(“Enter the positive integer number”))

res=factorial(k)

print(“Factorial of a given number is” ,res)