#3. Write down a Python program to calculate the factorial of a given integer.
#Calculate the factorial using recursion and call the factorial function using thread

```
import threading

class Param:
    def __init__(self, num, result):
        self.num = num
        self.result = result

def factorial(n):
    if n >= 1:
        return n * factorial(n - 1)
    else:
        return 1

def thread_func(args):
    param = args
    param.result = factorial(param.num)

if __name__ == "__main__":

param = Param(0, 0)
    thread = threading.Thread(target=thread_func, args=(param,))
    print("Enter Number To Find Its Factorial: ")
    param.num = int(input())
    thread.start()
    thread.join()

 print("Factorial of Number is = ", param.result)
```