3. Sum of the series:

1!1+2!2+3!3+⋯+n!n

import math

def sum\_series(n):

total = 0

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

total += math.factorial(i) / i

return total

# Example usage:

n = 5

result = sum\_series(n)

print(f"Sum of the series up to {n} terms is: {result}")