import math

def sin\_x\_series(x, n):

result = 0

for i in range(n):

term = ((-1)\*\*i \* x\*\*(2\*i + 1)) / math.factorial(2\*i + 1)

result += term

return result

x = float(input("Enter value of x (in radians): "))

n = int(input("Enter number of terms: "))

print(f"Sin(x) value: {sin\_x\_series(x, n)}")