Write a python program to find the sum of 12+22+.......N2 numbers

Sample input: N=6

Sample output: Sum=91

CODE:

def sum\_of\_series(N):

sum\_result = 0

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

sum\_result += i\*\*2

return sum\_result

# Taking input from the user

N = int(input("Enter the value of N: "))

# Calculating the sum of the series and displaying the result

result = sum\_of\_series(N)

print(f"Sum of the series 1^2 + 2^2 + ... + {N}^2 is: {result}")

OUTPUT:

Enter the value of N: 6

Sum of the series 1^2 + 2^2 + ... + 6^2 is: 91

>