Write a python program to find the sum of N numbers

Sample input: N=10

Sample output: Sum=55

CODE:

def sum\_of\_n\_numbers(N):

sum\_result = 0

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

sum\_result += i

return sum\_result

# Taking input from the user

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

# Calculating the sum and displaying the result

result = sum\_of\_n\_numbers(N)

print(f"Sum of the first {N} natural numbers is: {result}")

OUTPUT:

Enter the value of N: 10

Sum of the first 10 natural numbers is: 55

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