

-: Program :-

WAP to add N natural numbers and display their sum.

-: Code :-

```
num = int(input("Enter a Number: "))

# Initialize variables for sum and the string representation of the series
sum_str=""
sum=0

for i in range(1,num+1):
    sum_str += str(i) # Append the current number to the series string
    sum += i # Add the current number to the sum

# Add a plus sign after each number except the last one
if i < num:
    sum_str += " + "
else:
    sum_str += " ="

print(sum_str,sum)
```

-: Output :-

- PS C:\Users\Anshumank Sahay\OneDrive\B.Sc 1-Sem\pps\python3.12.exe" "c:/Users/Anshumank Sahay/On
Enter a Number: 5
1 + 2 + 3 + 4 + 5 = 15
- PS C:\Users\Anshumank Sahay\OneDrive\B.Sc 1-Sem\