My Maya

Owl Code

Apt Logic

Logout

J-Path

Contact

Light

Description

Sum of First N Natural Numbers

Program Description
Given an integer number **N**.Find out Sum of first **N** natural numbers.

Input Format
A single line input contains an integer N

Output Format
Display the sum of first N natural numbers

Constraints
1<=N<=100

Explaination

Test Case 1:

If N = 5,

then the sum of first N natural numbers are 1 2 3 4 5 and their sum is 1 + 2 + 3 + 4 + 5 = 15

Input-1

5

Output-1

15

Input-2

100

Output-2

C - GCC 11.1.0 ▾   ⏱ Timer   0:07 sec   🌙 ↻ ⌐⌐ 🌑

```c
1   #include<stdio.h>
2   int main()
3   {
4       int n,sum=0;
5       scanf("%d",&n);
6       for(int i=1;i<=n;i++)
7       {
8           sum=sum+i;
9       }
10      printf("%d",sum);
11      return 0;
12  }
```

</> Run Code

Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	5	5	15	15	1408 KB	3.444 ms	Pass
2	100	100	5050	5050	1408 KB	2.541 ms	Pass

All hidden testcases passed

TECHNICAL HUB

Light