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CSEC-ASTU Competitive Programming Contest 2021

Problem A: Arithmetic Series

Time limit: 1s

Given a single integer N , find the sum of all the elements until N , containing N .

Input

The input contains a single integer N . $0 < N < 10^{10}$

Output

The sum of all the elements until N , containing N

Sample Input 1	Sample Output 1
5	15