

<https://panchalprogrammingacademy.github.io/course-problem-deck/#!/problem/5fe5862d004f31001787d033>

Series 2

30 POINTS

Write a program to accept an integer N from the standard input device and compute the sum of first N terms of the following series:

$$(1^2) + (1^2 + 2^2) + (1^2 + 2^2 + 3^2) + \dots$$

Input format:

A single line of input containing N

Output format:

A single line output containing sum of first N terms of given series

Constraints:

$$1. 0 \leq N \leq 100$$

Test Case - 1

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Explanation: $1^2 + (1^2 + 2^2) + (1^2 + 2^2 + 3^2) = 1 + (1 + 4) + (1 + 4 + 9) = 1 + 5 + 14 = 20$

Problem tags:

THE COMPLETE C COURSE

EASY

LOOPS