

<https://panchalprogrammingacademy.github.io/course-problem-deck/#/problem/5fe58343004f31001787d032>

Series 1

30 POINTS

Write a program to accept an integer N from the standard input device and output the sum of the following series upto two decimal places.

$$\frac{2}{9} - \frac{5}{13} + \frac{8}{17} \dots$$

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

1

0.22

Test Case - 2

10

-0.27

Problem tags:

THE COMPLETE C COURSE LOOPS