

Prime sum

30 POINTS

Write a program to accept an integer N from the standard input device and compute the sum of first N prime numbers.

Input format:

A single line of input containing N

Output format:

A single line output containing sum of first N prime numbers

Constraints:

1. $0 \leq N \leq 10000$

Test Case - 1

2

5

Explanation: $2 + 3 = 5$

Test Case - 2

10

129

Explanation: $2 + 3 + 5 + 7 + 11 + 13 + 17 + 19 + 23 + 29 = 129$

Problem tags:

THE COMPLETE C COURSE EASY