

CSE 102 : Online on 1D Array & Function (A1)

Given an integer n ($1 \leq n \leq 25$) calculate and print the sum of the following series.

$${}^3C_2 + {}^5C_3 + {}^7C_5 + {}^{11}C_7 + \dots \text{ upto the } n\text{-th term.}$$

Note that, the i -th term is ${}^{(i+1)\text{-th prime number}}C_{i\text{-th prime number}}$.

Sample Input	Sample Output
1	3
2	13
4	364

You must write at least two functions, one for prime checking and another for nC_r calculation. Figure out their parameters and return types by yourself.