

# Master “C Language” in 30 Days Challenge

Practise 1

By TECH INVOLVERS

## **Instructions:**

- Read the problem carefully before trying to solve it.
- Do the tasks on your own. Don't copy it.
- The output of your program must be same as given in sample run.

## **Problem 1:**

Write a program that calculates nth term of sequence where every term of the sequence is sum of previous three terms and it scans first three terms from user.

$$a_n = a_{n-1} + a_{n-2} + a_{n-3} \quad (\text{for all } n > 3)$$

## **Sample Run:**

**Enter first three terms: 1 2 3**

**Enter term : 5**

**5th term of sequence : 11**

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