

## C program to implement fibonacci series using function Algorithm

1. Start

2. Input  $n$

3.  $\text{fib}(n)$

4. Stop

$\text{fib}(int\ num)$

1.  $num = n$

2.  $a = 0, b = 1, c = 0$

3. Print  $a + b$

4. Repeat through Step 4

5.  $\text{for } (i = 2, i < num; i++)$

4.1  $c = a + b$

4.2  $\text{print } c$

4.3  $a = b$

4.4  $b = c$

5. Stop

## Flowchart

