

C. Program to implement fibonacci series using function.

Algorithm:-

① Start

② Input  $n$

③ Display fibonacci series

for ( $c = 1$ ;  $c \leq n$ ;  $c++$ )

Display fibonacci( $i$ )

$i++$

④ Stop

int fibonacci (int  $n$ )

① Enter

② if ( $n == 0$ )

return 0

else if ( $n == 1$ )

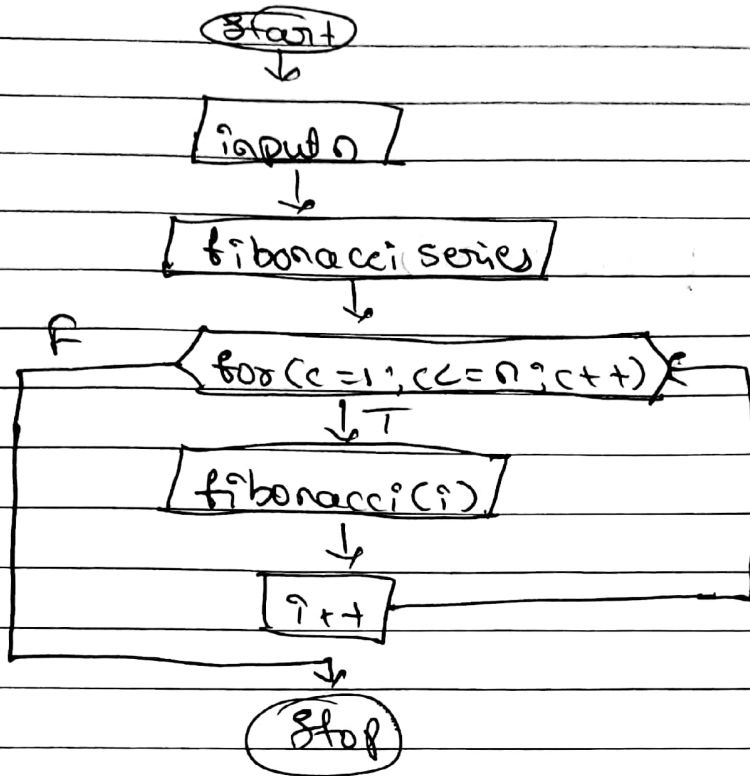
return 1

else

return (fibonacci( $n-1$ ) + fibonacci( $n-2$ ))

③ End

Flowchart:



Flowchart for fibonacci(n)

