

C program to implement fibonacci series using recursion.

Algorithm: main()

Step 1: START

Step 2: Input n

Step 3: Repeat through  
Step 3  
for  $i=0; i \leq n; i++$

3.1:  $t = \text{fibonacci}(i)$

3.2: print t

Step 4: STOP

→ fibonacci(int num)

Step 1: num = 1

Step 2: if (num <= 1)  
return num

Step 3: return fibonacci(num-2)  
+ fibonacci(num-1)

Flowchart

