

C program to implement fibonacci series using functions

Algorithm

1. Start
2. Input n
3. $\text{fibo}(n)$
4. Stop

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

1. $\text{num} \geq 1$
2. $a = 0, b = 1, c = 0$
3. $\text{printf } a \ \& \ b$
4. Repeat through Step 4
for $(i = 2; i \leq \text{num}; i++)$
 - 4.1 $c = a + b$
 - 4.2 print c
 - 4.3 $a = b$
 - 4.4 $b = c$
5. Stop

Flowchart

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