

Compile Result

```
enter the terms 10
Fibonacci series terms are:
0
1
1
2
3
5
8
13
21
34
```

```
[Process completed - press Enter]
```

Step 1: Start

Step 2: Declare $\text{int } f(\text{int})$

Step 3: Declare $\text{int } n, i=0, c$

Step 4: Read the n value

Step 5: Display $f(i)$ values

```
5.1 for( $c=1; c \leq n; c++$ )  
    { printf("%d",  $f(i)$ );  
       $i++$ ;  
    }
```

Step 6: Declare Called function $\text{int } f(\text{int } n)$

```
6.1 if ( $n==0 || n==1$ )  
    return  $n$ ;
```

else

```
6.2 return ( $f(n-1) + f(n-2)$ );
```

Flowchart

