

C program to implement fibonacci series using functions.

Algorithm:

Step 1: Start

Step 2: Declare `int f(int)`.

Step 3: Declare `int n, i=0, c`.

Step 4: Read the `n` values

Step 5: Display `f(i)` values

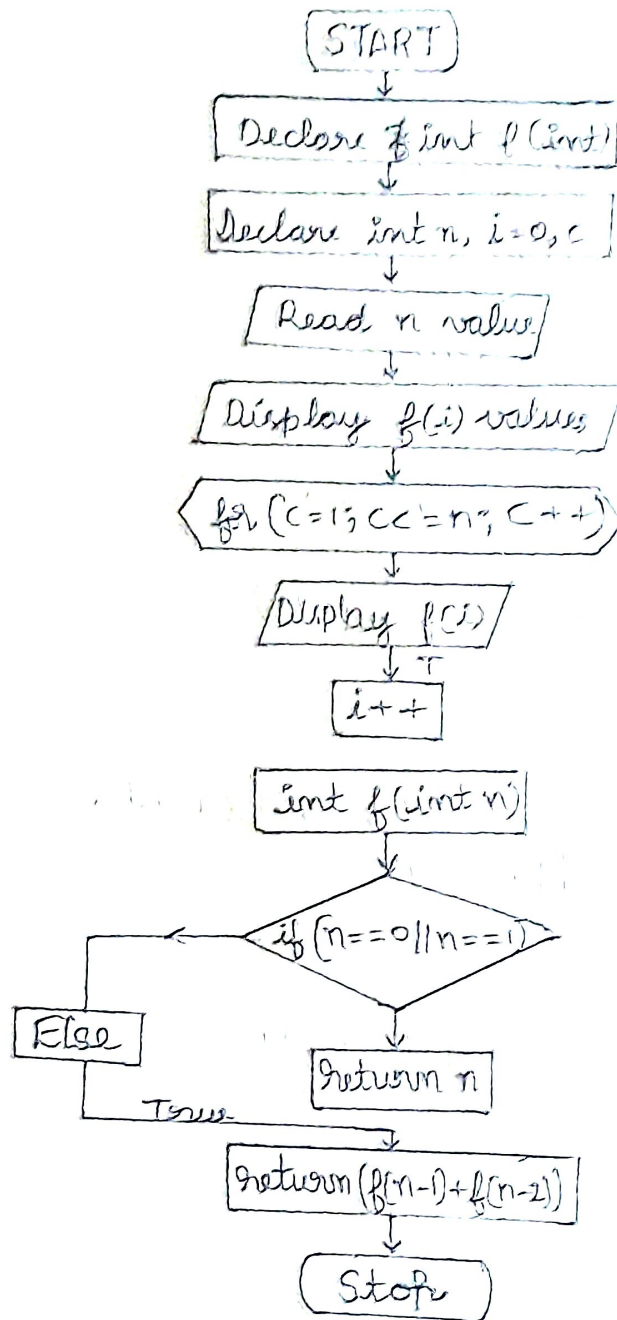
```
5.1 for (c = 1; c <= m; c++)  
    {  
        printf("%d", f(i));  
        i++;  
    }
```

Step 6: Declare called function `int f(int n)`

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

```
else,  
    return (f(n-1) + f(n-2)).
```

Flowchart:



calling
function

called
function