

main.c

Share

Run

1 #include <stdio.h>

2 int fibonacci(int n) {

3 if (n == 0)

4 return 0;

5 else if (n == 1)

6 return 1;

7 else

8 return fibonacci(n - 1) + fibonacci(n - 2);

9 }

10 int main() {

11 int n, i;

12 printf("Enter the number of terms: ");

13 scanf("%d", &n);

14

15 if (n <= 0)

16 printf("Please enter a positive number.\n");

17 else {

18 printf("Fibonacci series up to %d terms:\n", n);

19 for (i = 0; i < n; i++) {

20 printf("%d ", fibonacci(i));

21 }

22 printf("\n");

23 }

24 return 0;

25 }

Output

Clear

Enter the number of terms: 6  
Fibonacci series up to 6 terms:  
0 1 1 2 3 5

=== Code Execution Successful ===