Exp 6

6. Write a C program to find Fibonacci series using Recursion

#include <stdio.h>

int fib(int n) {

if (n == 0) return 0;

if (n == 1) return 1;

return fib(n - 1) + fib(n - 2);

}

int main() {

int n, i;

printf("Enter number of terms: ");

scanf("%d", &n);

printf("Fibonacci Series: ");

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

printf("%d ", fib(i));

return 0;

}

A screenshot of a computer

AI-generated content may be incorrect.