#include <stdio.h>

// Recursive function to find nth Fibonacci number

int fibonacci(int n) {

if (n == 0)

return 0;

else if (n == 1)

return 1;

else

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

}

int main() {

int terms;

// Input: number of terms

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

scanf("%d", &terms);

// Validate input

if (terms <= 0) {

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

return 1;

}

// Display Fibonacci series

printf("Fibonacci Series (using recursion): ");

for (int i = 0; i < terms; i++) {

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

}

printf("\n");

return 0;

}