#include <stdio.h>

int main() {

int n, first = 0, second = 1, next;

// Input: number of terms

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

scanf("%d", &n);

// Validate input

if (n <= 0) {

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

return 1;

}

printf("Fibonacci Series: ");

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

if (i == 0)

next = first;

else if (i == 1)

next = second;

else {

next = first + second;

first = second;

second = next;

}

printf("%d ", next);

}

printf("\n");

return 0;

}