A screenshot of a computer

AI-generated content may be incorrect.

Fibonacci without recursion

Code 4:

#include <stdio.h>

int main() {

int n;

printf("Enter number of terms in Fibonacci series: ");

scanf("%d", &n);

int a = 0, b = 1, next;

printf("Fibonacci Series: ");

for (int i = 1; i <= n; i++) {

printf("%d ", a); // Print the current number

next = a + b; // Calculate next number

a = b; // Move forward

b = next;

}

return 0;

}