CSA0317-DATA STRUCTURES

Program 4- Write a c program to find Fibonacci series without using recursion

```c
#include <stdio.h>
int main() {
int n, i;
int t1 = 0, t2 = 1, next;
printf("Enter the number of terms: ");
scanf("%d", &n);
printf("Fibonacci Series: ");
for(i = 1; i <= n; i++) {
printf("%d ", t1);
next = t1 + t2;
t1 = t2;
t2 = next;
}
printf("\n");
return 0;
}
```

Output:

```
Enter the number of terms: 5
Fibonacci Series: 0 1 1 2 3


=== Code Execution Successful ===
```