4.

```c
#include <stdio.h>

int main() {
    int n, first = 0, second = 1, next, i;

    printf("Enter the number of terms: ");
    scanf("%d", &n);

    printf("Fibonacci Series: ");
    for(i=0; i<n; i++) {
        printf("%d ", first);
        next = first + second;
        first = second;
        second = next;
    }

    return 0;
}
```

```
Output

Enter the number of terms: 7
Fibonacci Series: 0 1 1 2 3 5 8

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