

4. Fibonacci series without using Recursion

Sample code :

```
#include <stdio.h>

int main() {

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

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

    scanf("%d", &n);

    printf("Fibonacci Series: ");

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

        if (i <= 1) {

            next = i;

        } else {

            next = first + second;

            first = second;

            second = next;

        }

        printf("%d ", next);

    }

    return 0;

}
```

Output:

