Fibbonacci code in C language:-

```c
#include <stdio.h>
int main() {
    int n, first = 0, second = 1, next;
    // Getting user input for the number of terms
    printf("Enter the number of terms: ");
    scanf("%d", &n);
    // Displaying a header for the Fibonacci series
    printf("Fibonacci Series up to %d terms:\n", n);

    // Loop to generate and display the Fibonacci series
    for (int i = 0; i < n; i++) {
        // Generating Fibonacci sequence logic
        if (i <= 1) {
            next = i;
        } else {
            next = first + second;
            first = second;
            second = next;
        }

        // Displaying the position and value of each term
        printf("%d\t%d\n", i + 1, next);
    }
    return 0;
}
```

Output:-

main.c

```c
1  #include <stdio.h>
2  int main() {
3      int n, first = 0, second = 1, next;
4      // Getting user input for the number of terms
5      printf("Enter the number of terms: ");
6      scanf("%d", &n);
7      // Displaying a header for the Fibonacci series
8      printf("Fibonacci Series up to %d terms:\n", n);
9
10
11     // Loop to generate and display the Fibonacci series
12     for (int i = 0; i < n; i++) {
13         // Generating Fibonacci sequence logic
14         if (i <= 1) {
15             next = i;
16         } else {
17             next = first + second;
18             first = second;
19             second = next;
20         }
21
22         // Displaying the position and value of each term
23         printf("%d\t%d\n", i + 1, next);
24     }
25     return 0;
```

Output   Clear

```
/tmp/lBN7oeZzPe.o
Enter the number of terms: 10
Fibonacci Series up to 10 terms:
1    0
2    1
3    1
4    2
5    3
6    5
7    8
8    13
9    21
10   34
```