Problem No: 7
Problem Name: Write a C program to generate nth Fibonacci term using recursion.

Input	Output
7	13
0	0

Source Code:

```c
#include <stdio.h>
int fibonacci(int n) {
    if (n <= 1) {
        return n;
    } else {
        return fibonacci(n - 1) + fibonacci(n - 2);
    }
}


int main() {
    int n;
    scanf("%d", &n);
    printf("%d\n",fibonacci(n));


    return 0;
}
```

Result and Analysis:

The subfunction takes one value as integer and in return it calls the function itself. Finally in main function the subfunction is called and give us the nth value of Fibonacci.