

```
1  /**
2   * Recursive implementaion that lists the first 25 Fibonacci numbers
3   */
4  #include <cs50.h>
5  #include <stdio.h>
6
7  #define N 25
8
9  int fibo(int n);
10
11 int main(void)
12 {
13     // Print the fibo numbers out
14     printf("The first %i numbers in the Fibonacci series are: \n", N);
15
16     for (int i = 0 ; i < N; i++)
17     {
18         printf("%i ", fibo(i));
19     }
20 }
21
22 int fibo(int n)
23 {
24     // Base case #1
25     if (n == 0)
26         return 0;
27
28     // Base case #2
29     if (n == 1)
30         return 1;
31
32     // Recursive case
33     else
34         return fibo(n - 1) + fibo(n - 2);
35 }
36 }
```