

```
1 // Display the first 25 Fibo numbers
2
3 #include <cs50.h>
4 #include <stdio.h>
5
6 #define N 25
7
8 int main(void)
9 {
10     // Declare an array and store the first two fibo terms
11     int fibo[N];
12     fibo[0] = 1;
13     fibo[1] = 1;
14
15     // Loop to fill in the rest
16     for (int i = 2; i < N; i++)
17     {
18         // Add the previous two terms
19         fibo[i] = fibo[i - 1] + fibo[i - 2];
20     }
21
22     // Print out the array
23     // Unfortunately, we need to loop through each element and print it
24     for (int i = 0; i < N; i++)
25     {
26         printf("%i\n", fibo[i]);
27     }
28 }
```