

```
1 // Displays the first 25 Fibonacci numbers
2 #include <cs50.h>
3 #include <stdio.h>
4
5 #define N 25
6
7 int main(void)
8 {
9     // Declare an array and store the first two fibo terms
10    int fibo[N];
11    fibo[0] = 0;
12    fibo[1] = 1;
13
14    // Calculate and store the next 23 values
15    for (int i = 2; i < N; i++)
16    {
17        fibo[i] = fibo[i - 1] + fibo[i - 2];
18    }
19
20    // Print the series
21    for (int i = 0; i < N; i++)
22    {
23        printf("%i ", fibo[i]);
24    }
25    printf("\n");
26 }
```