



```
1 def fibonacci_memo( fib_dict, n ):
2
3     if n in fib_dict:
4         return fib_dict[n]
5
6     if n <= 1:
7         fib_dict[n] = 1
8
9     else:
10        fib_dict[n] = fibonacci_memo(fib_dict, n-1) + fibonacci_memo(fib_dict, n-2)
11
12    return fib_dict[n]
```