

EXERCISE-98 dynamic programming

PROGRAM

```
def fibonacci(n):  
    if n <= 1:  
        return n  
    else:  
        return fibonacci(n-1) + fibonacci(n-2)  
  
n = 10  
print(fibonacci(n))
```

OUTPUT

```
=====  
55  
.
```

TIME COMPLEXITY $O(2^n)$.