```
FIBONACCI(n):
1   if n < 0:
2       return null
3   if n = 0 or n = 1:
4       return n
5   return FIBONACCI(n − 1) + FIBONACCI(n − 2)
```

```
1  def fibonacci(n):
2    if n < 0:
3      return None
4    if n == 0 or n == 1:
5      return n
6    return fibonacci(n-1) + fibonacci(n-2)
```