

## Hands On - 4

### Example 0

fib(5)

→ fib(4)

→ fib(3)

→ fib(2)

→ fib(1) ← returns 1

→ fib(0) ← returns 0

← fib(2) returns 1

← fib(3) returns 2

→ fib(2)

→ fib(1) ← returns 1

→ fib(0) ← returns 0

← fib(2) returns 1

← fib(3) returns 2

→ fib(2)

→ fib(1) ← returns 1

→ fib(0) ← returns 0

← fib(2) returns 1

← fib(4) returns 3

→ fib(3)

→ fib(2)

→ fib(1) ← returns 1

→ fib(0) ← returns 0

fibonacci

← fib(2) returns 1

← fib(3) returns 2

← fib(5) returns 5