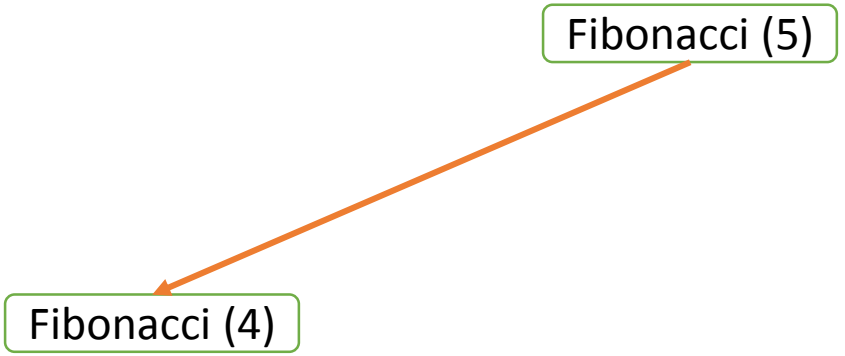
A Recursive Fibonacci Function

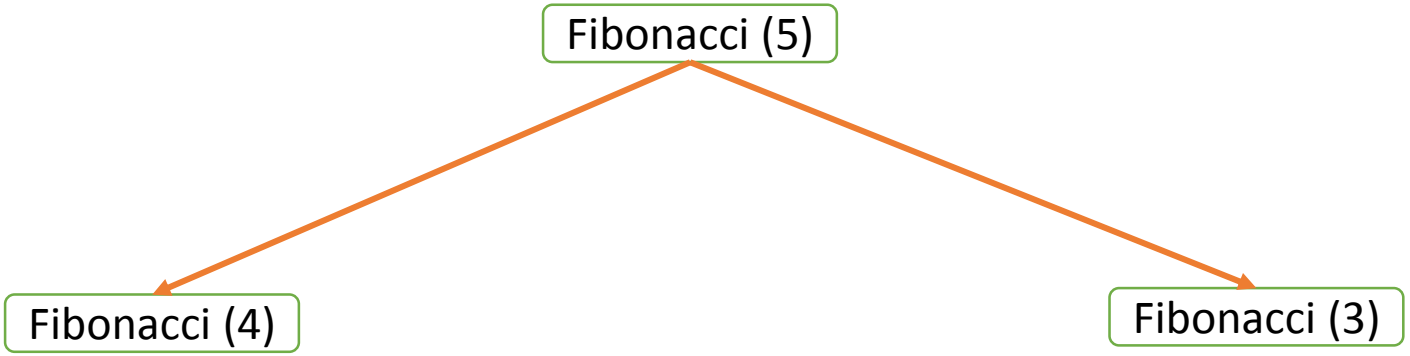
```
int fibonacci(int n)
{
     int ans = 0;

     if (n == 0)
          ans = 0;
     else if (n == 1)
          ans = 1;
     else
          ans = fibonacci(n - 1) + fibonacci(n - 2);

     return (ans);
}
```

Recursive Fibonacci (5) Stack Tree

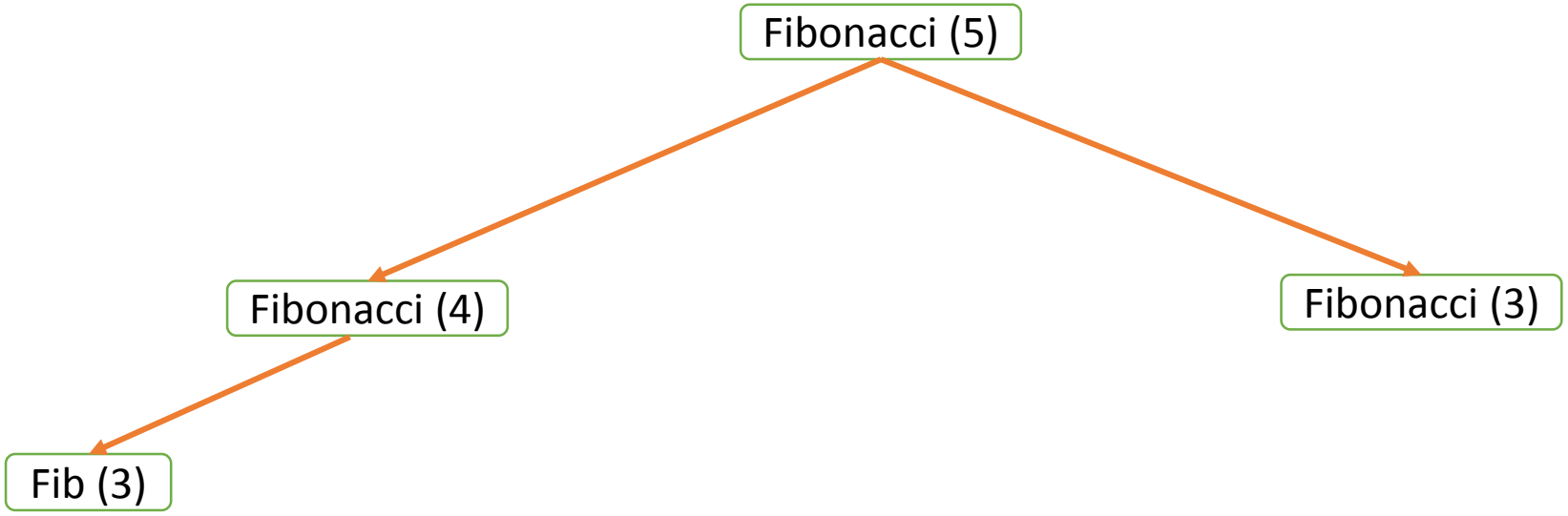
Recursive Fibonacci (5) Stack Tree



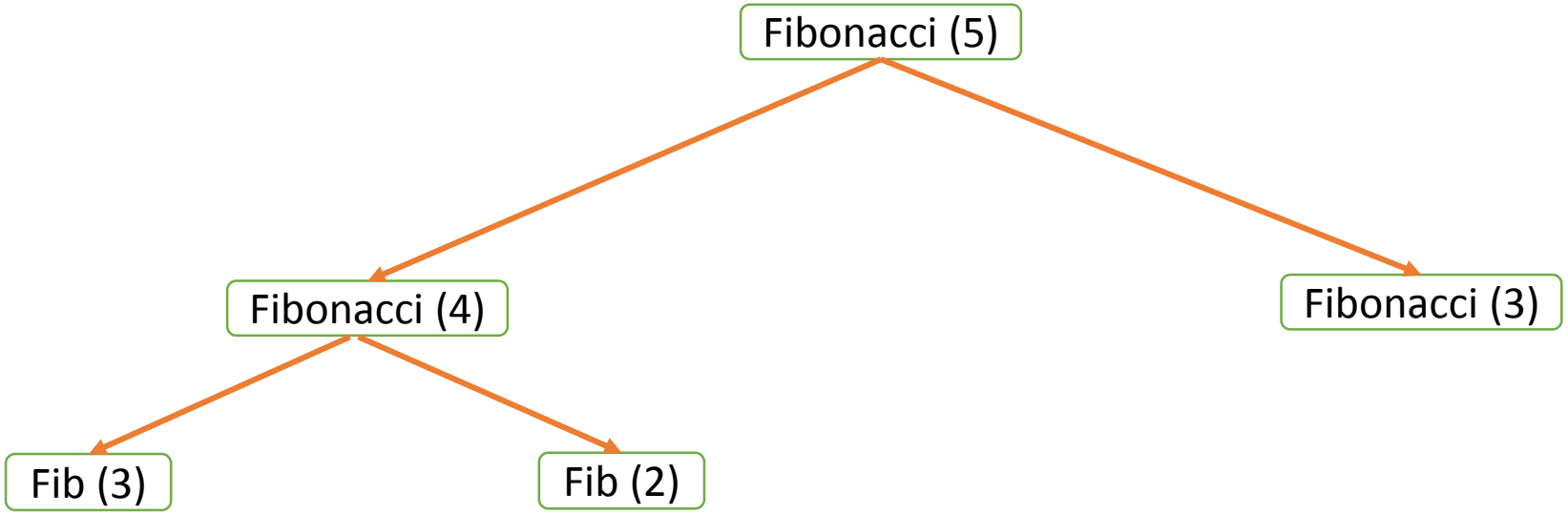
Recursive Fibonacci (5) Stack Tree



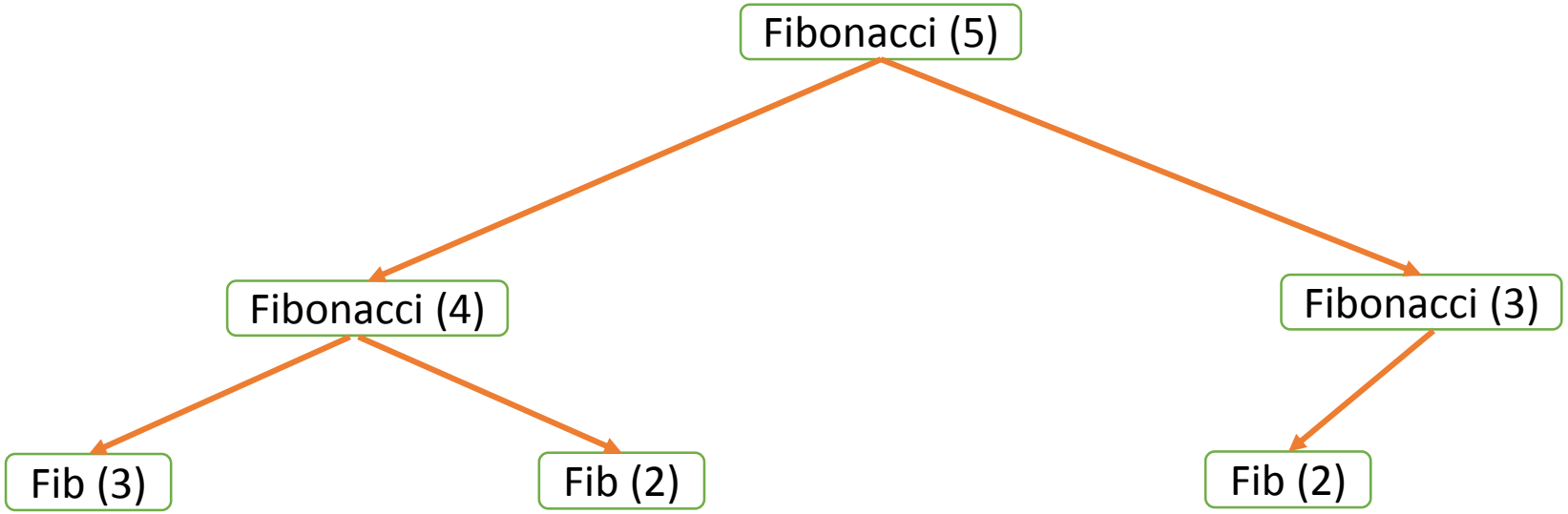
Recursive Fibonacci (5) Stack Tree



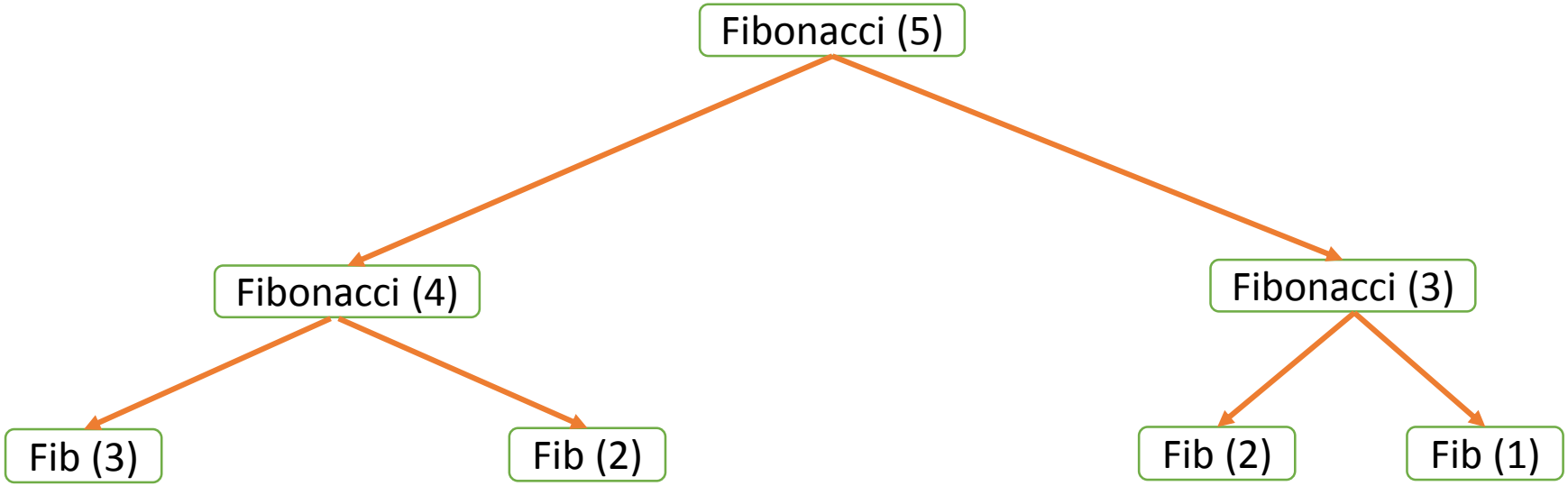
Recursive Fibonacci (5) Stack Tree



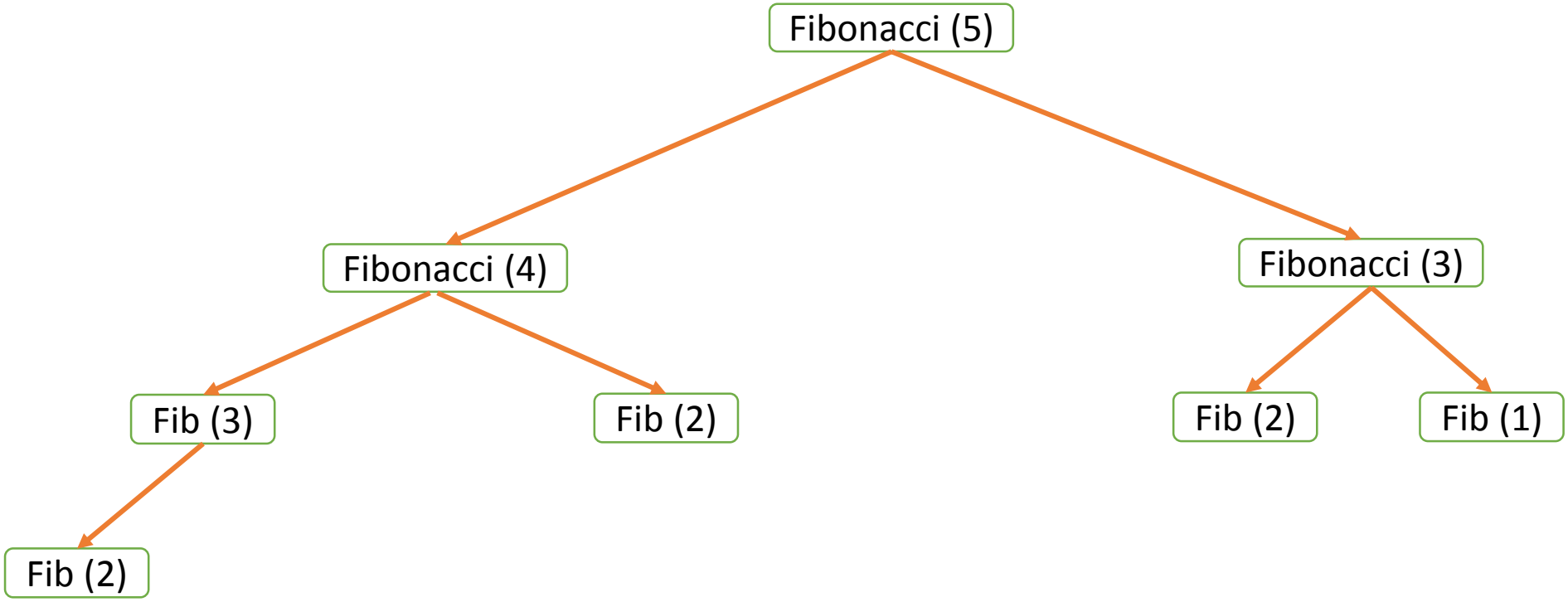
Recursive Fibonacci (5) Stack Tree



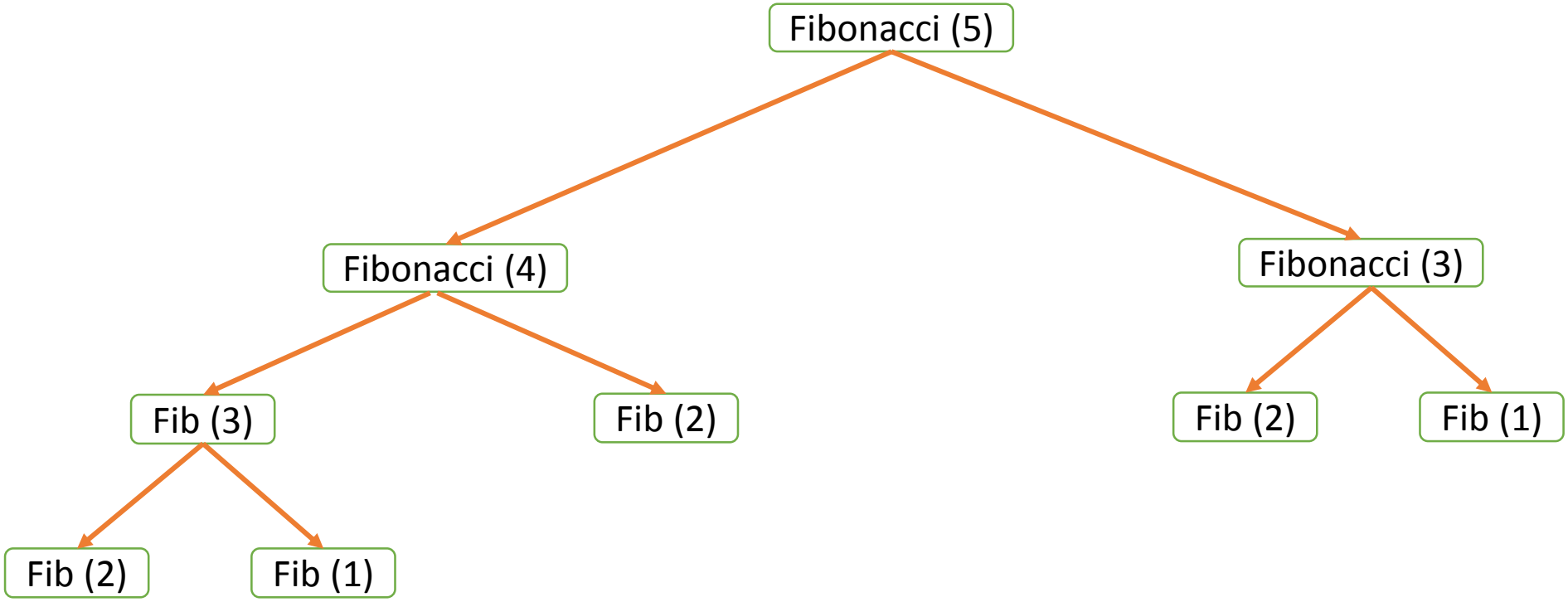
Recursive Fibonacci (5) Stack Tree



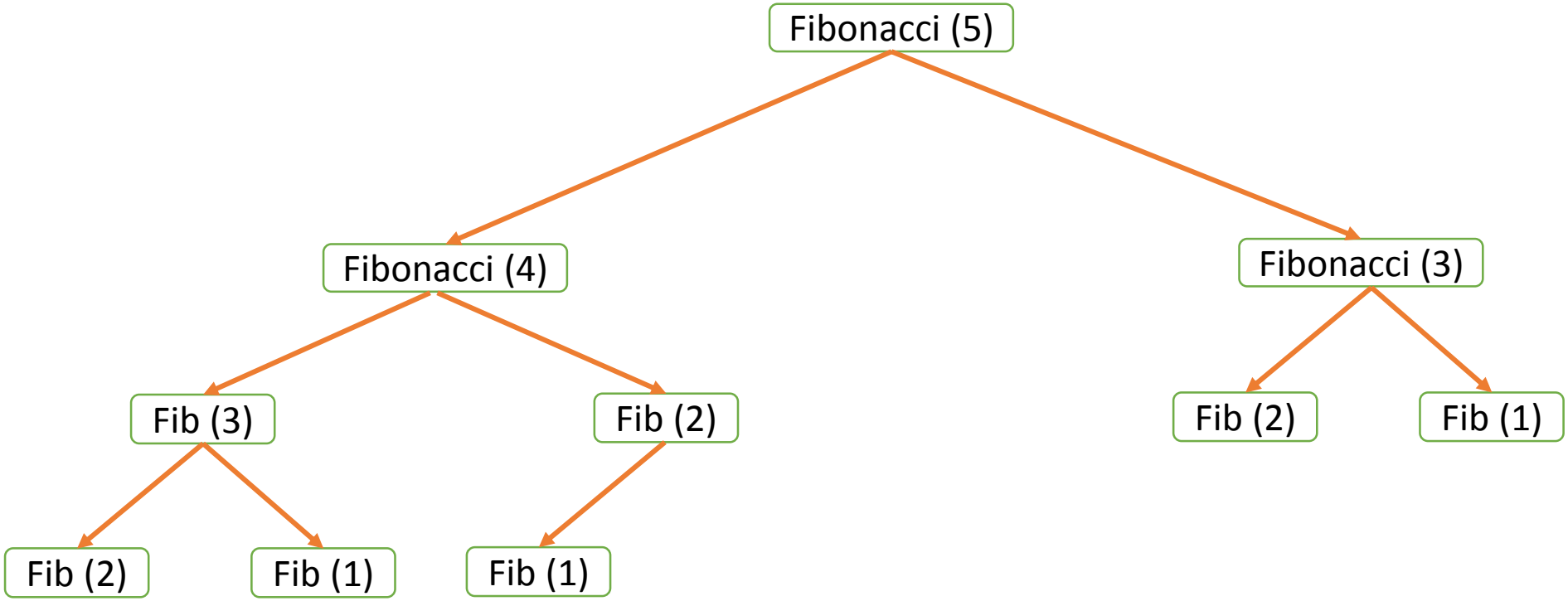
Recursive Fibonacci (5) Stack Tree



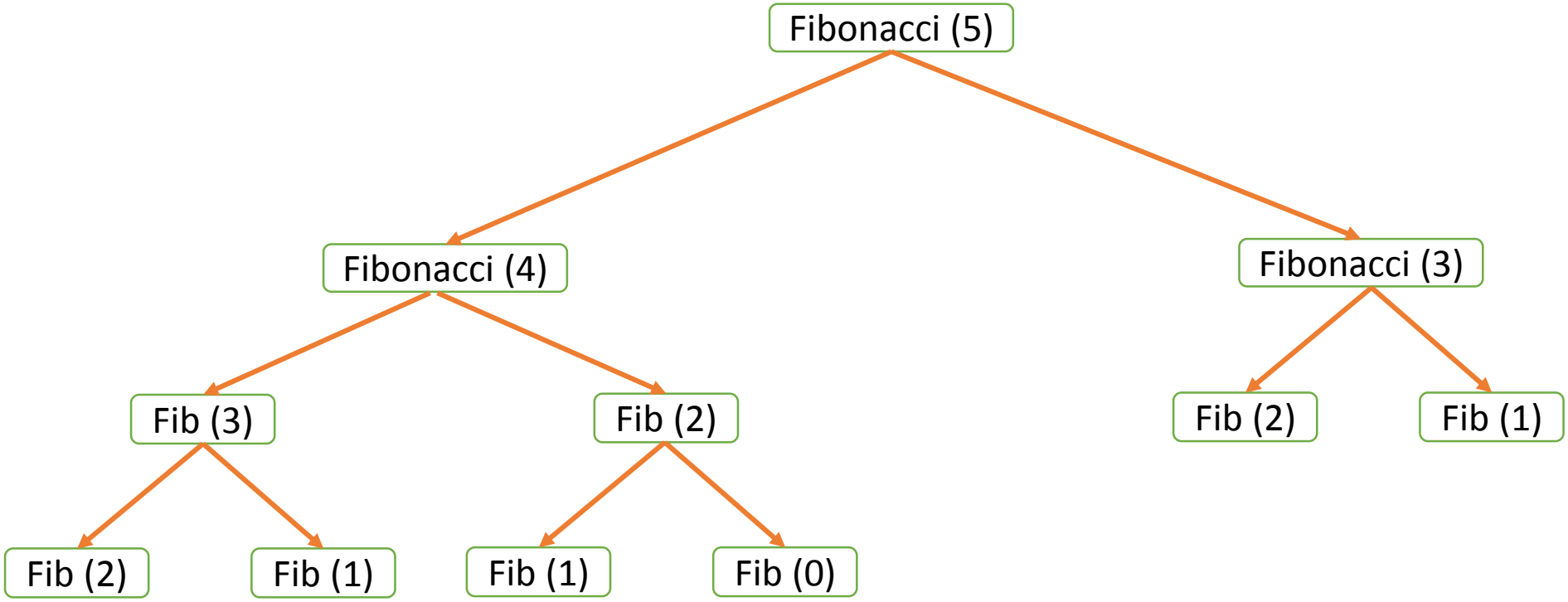
Recursive Fibonacci (5) Stack Tree



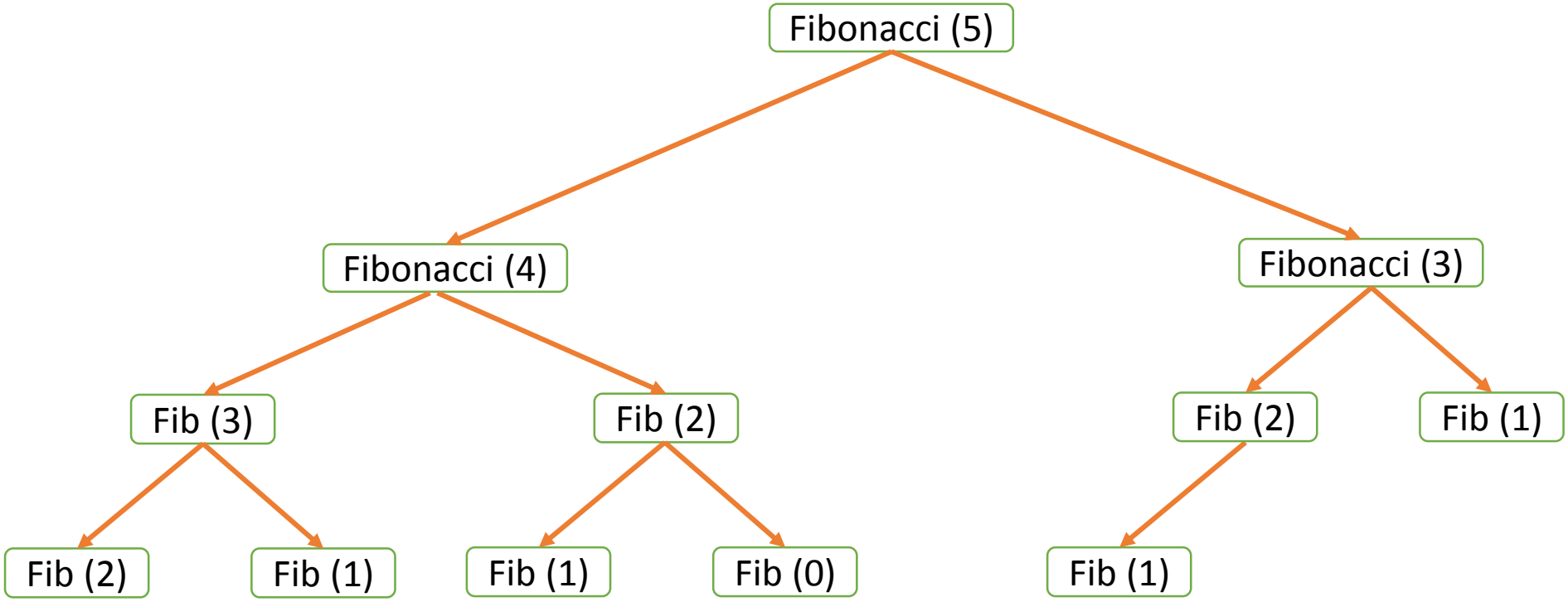
Recursive Fibonacci (5) Stack Tree



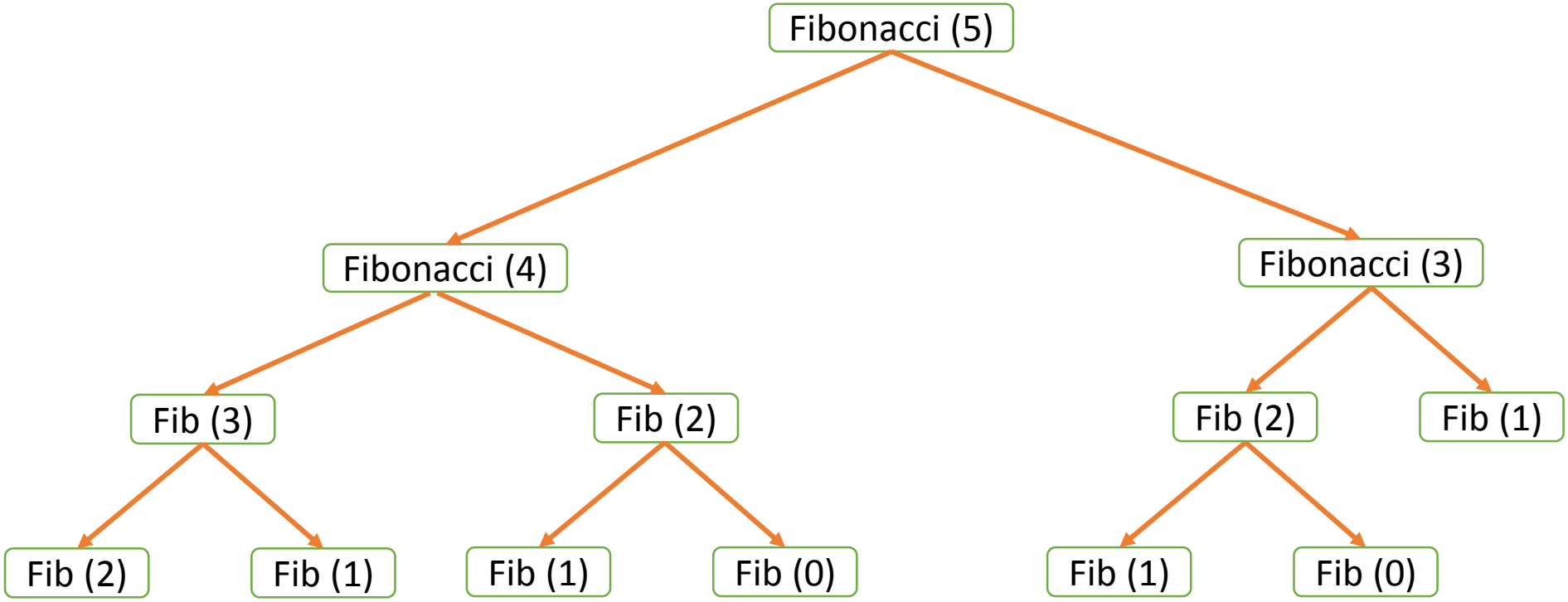
Recursive Fibonacci (5) Stack Tree



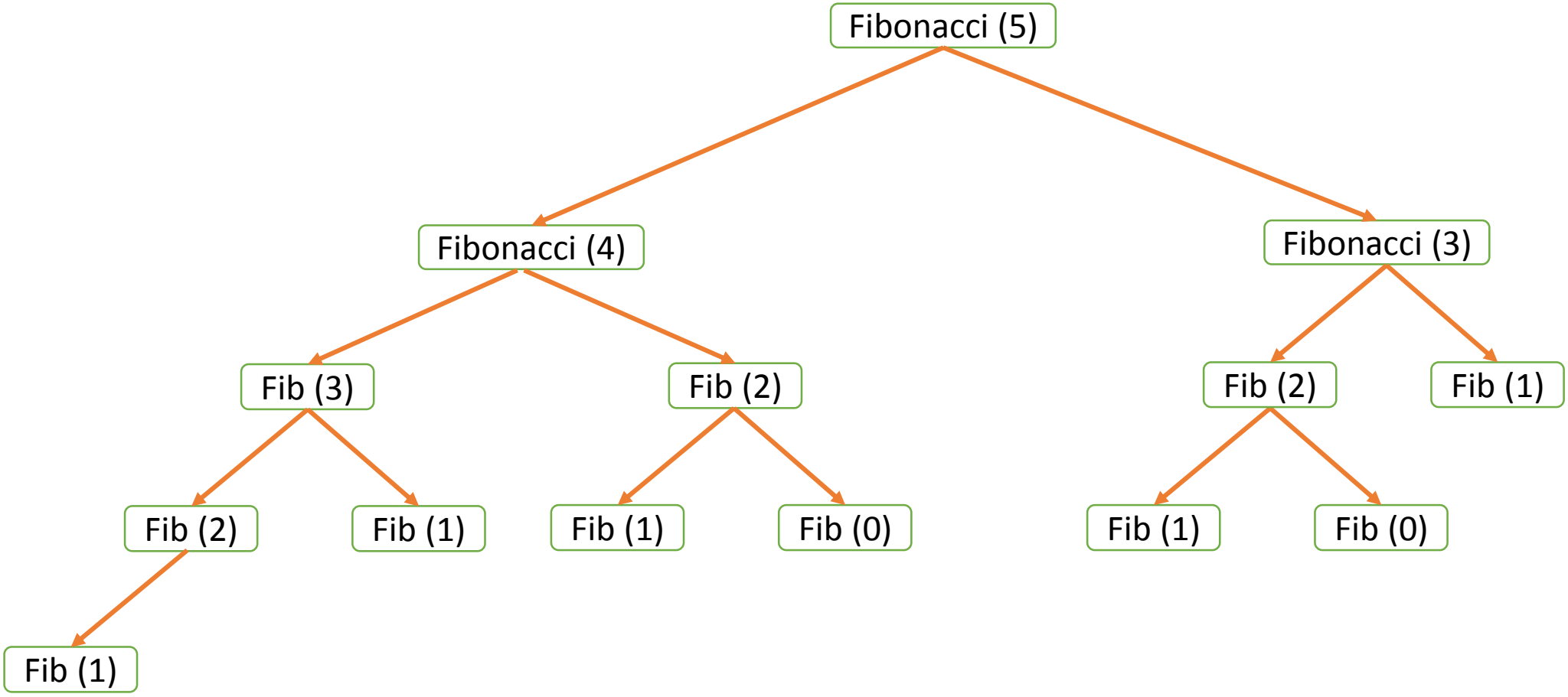
Recursive Fibonacci (5) Stack Tree



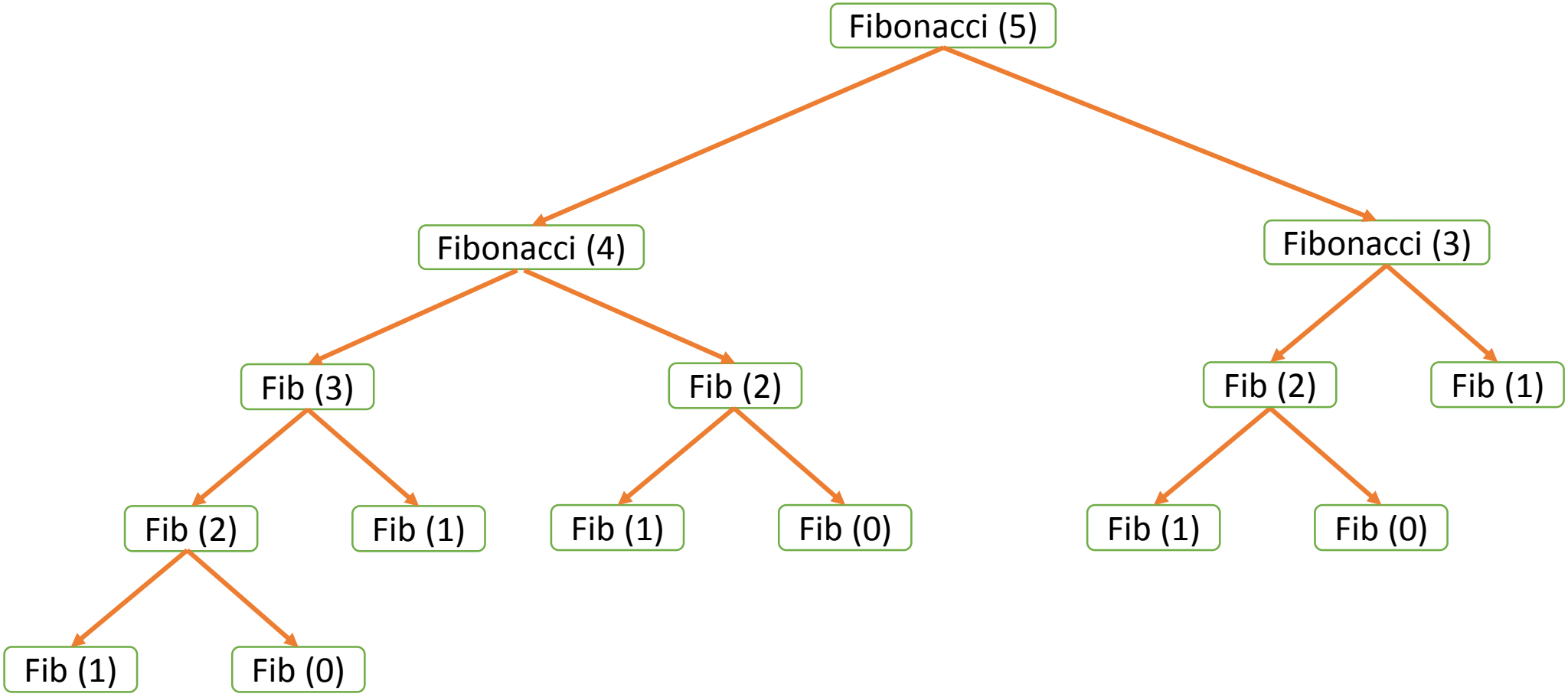
Recursive Fibonacci (5) Stack Tree



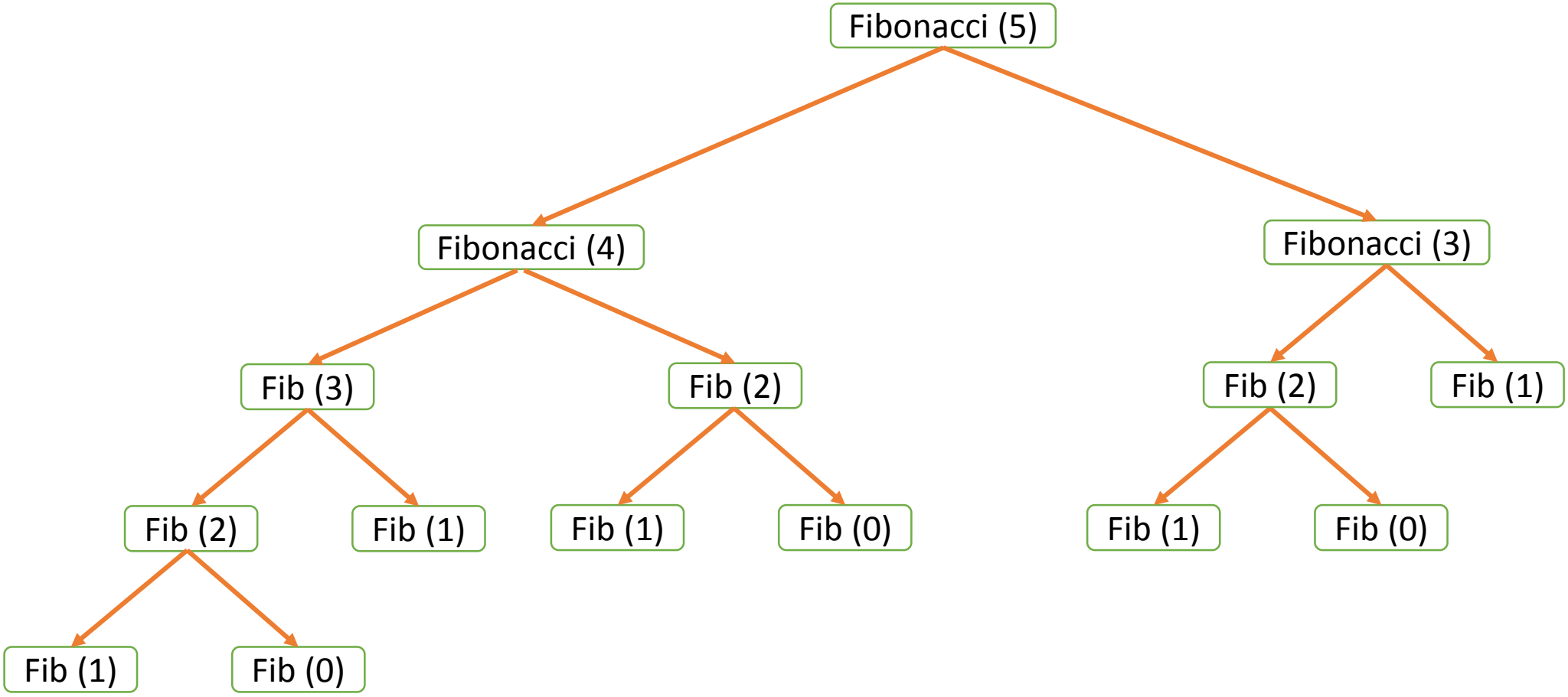
Recursive Fibonacci (5) Stack Tree



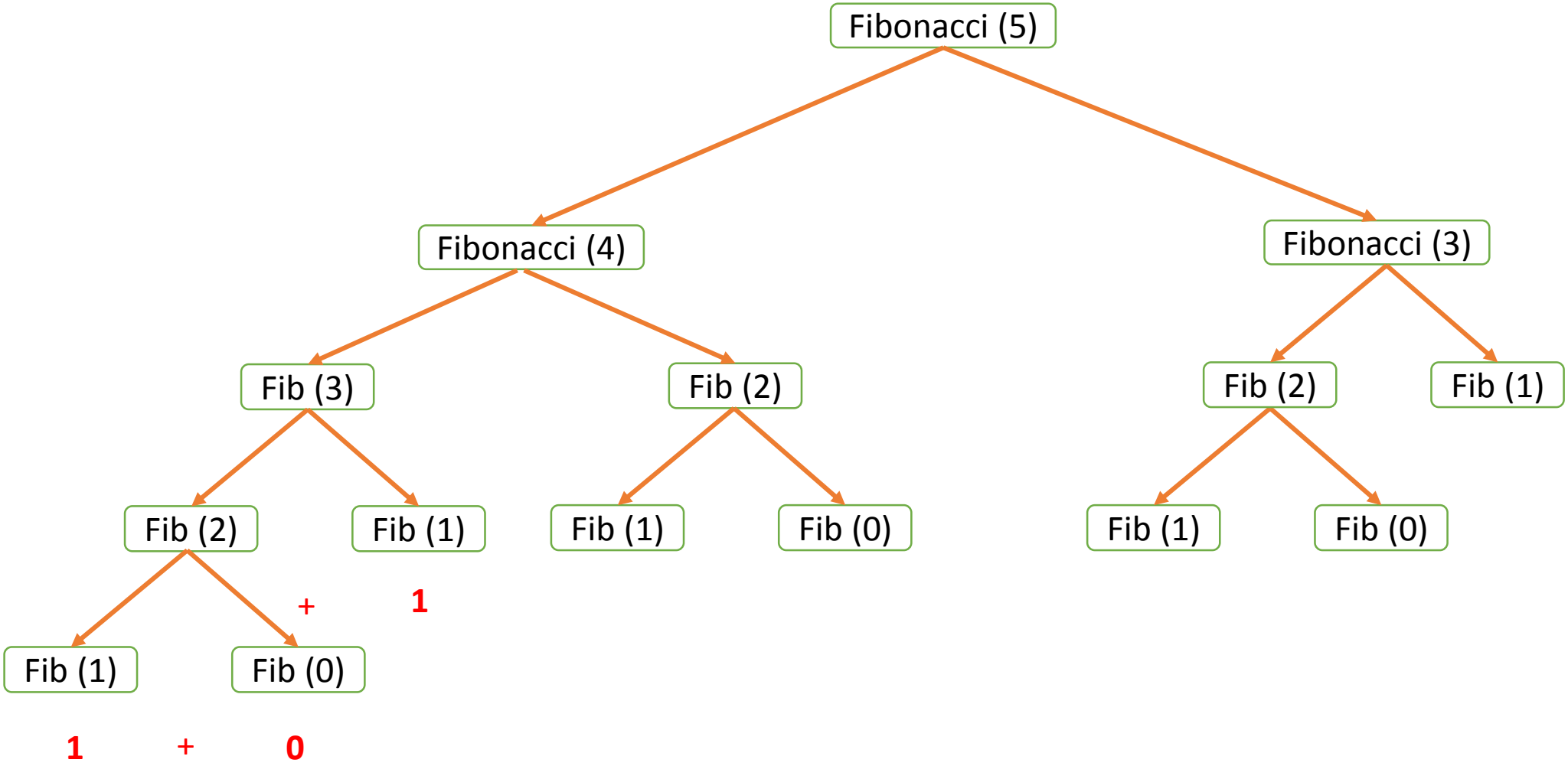
Recursive Fibonacci (5) Stack Tree



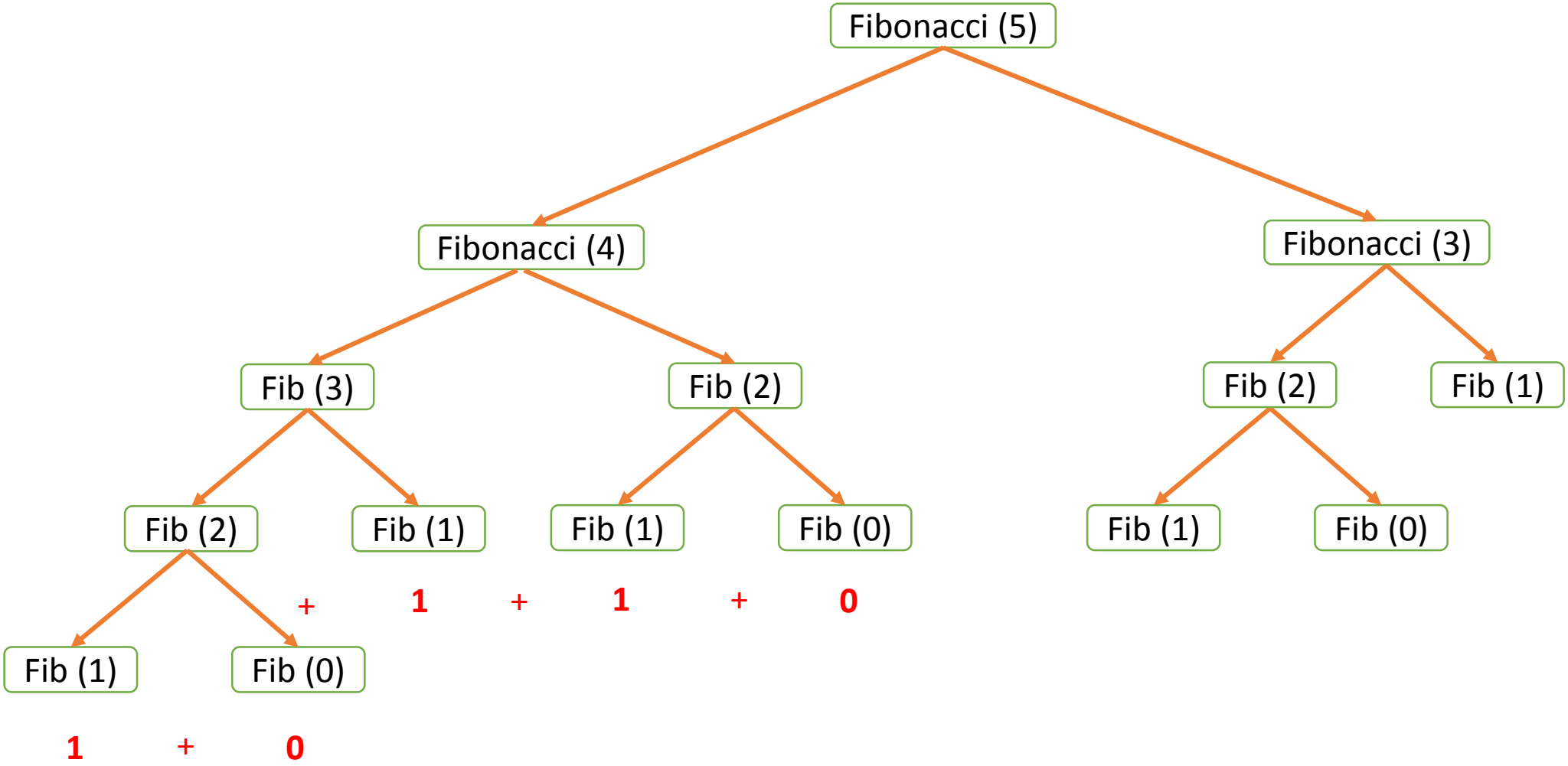
Recursive Fibonacci (5) Stack Tree



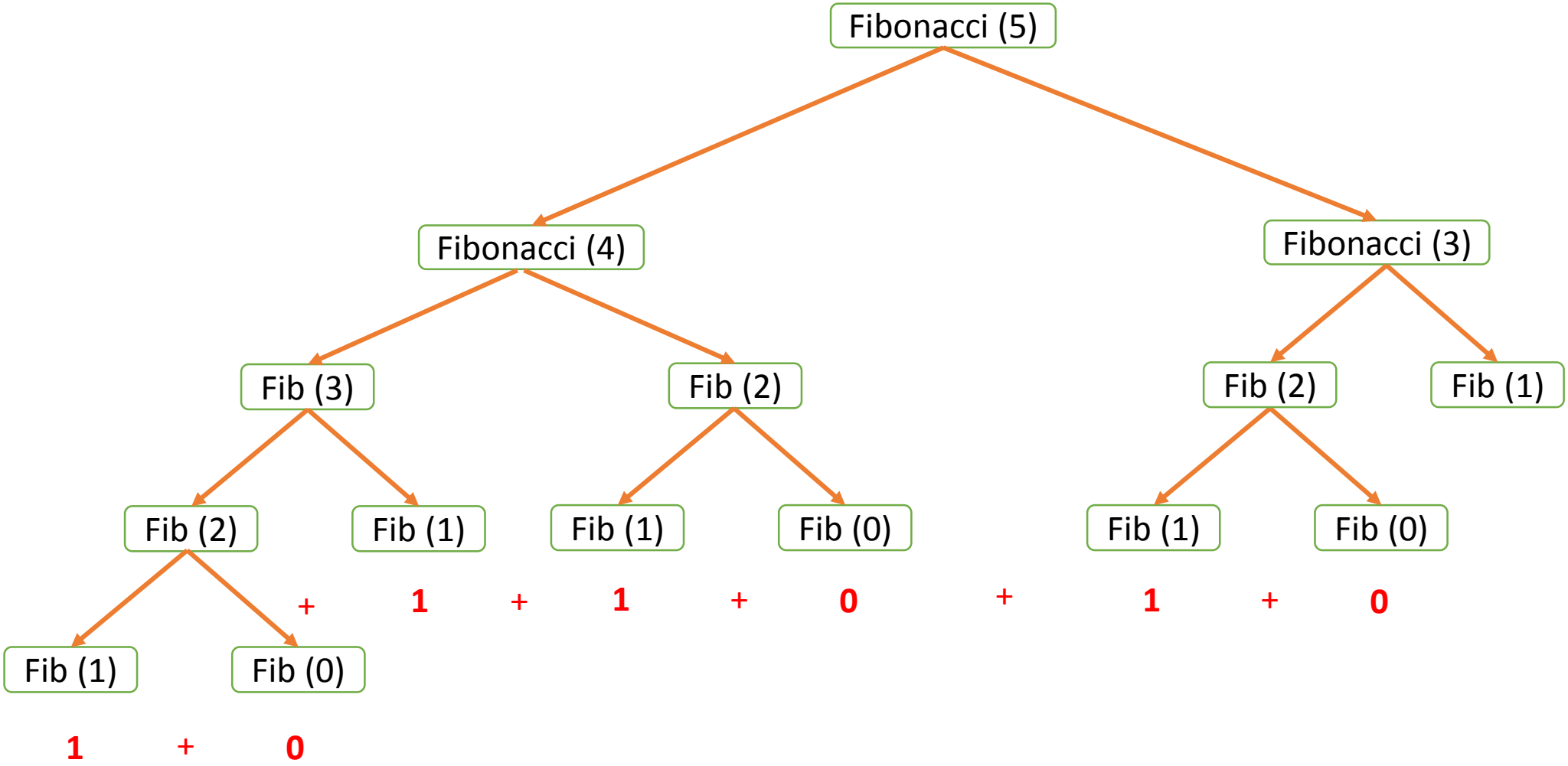
Recursive Fibonacci (5) Stack Tree



Recursive Fibonacci (5) Stack Tree



Recursive Fibonacci (5) Stack Tree



Recursive Fibonacci (5) Stack Tree