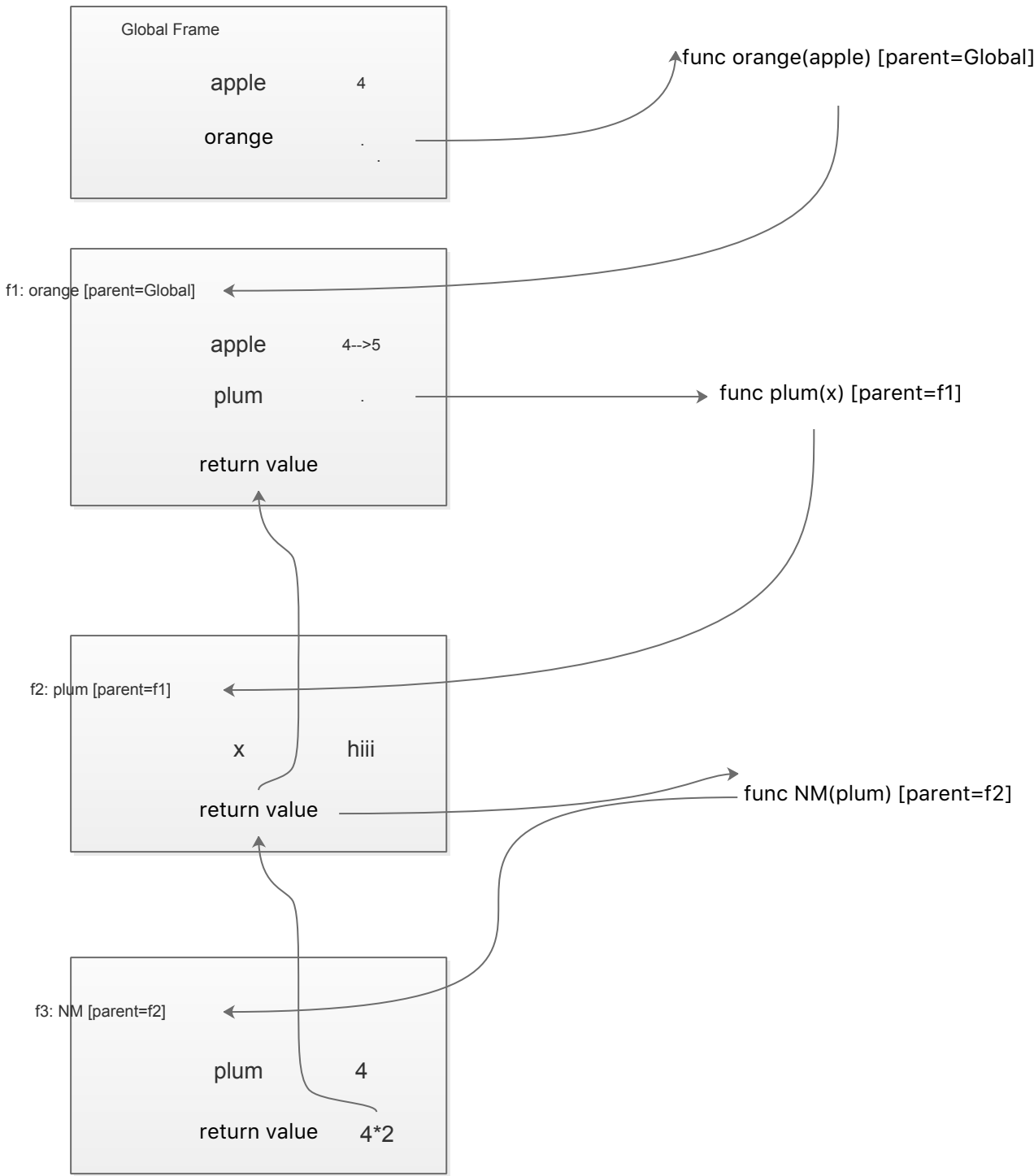
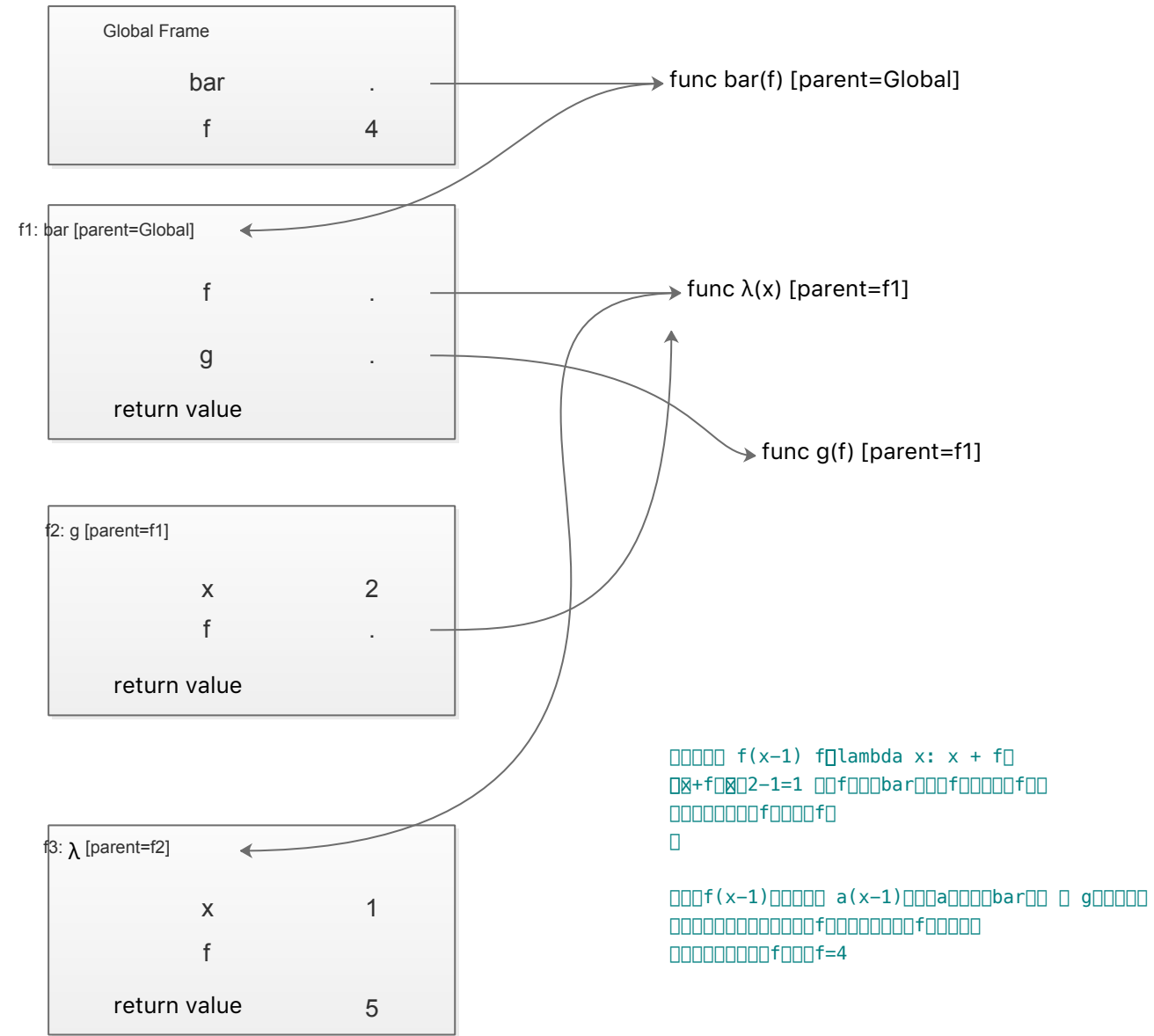


```
apple = 4
def orange(apple):
    apple = 5
    def plum(x):
        return lambda plum: plum * 2
    return plum
```

```
orange(apple)("hiii")(4)
```



```
def bar(f):
    def g(x):
        return f(x - 1)
    return g
f = 4
bar(lambda x: x + f)(2)
```



```
f(x-1) f(lambda x: x + f)
f+f-2-1=1 fbarff
ff

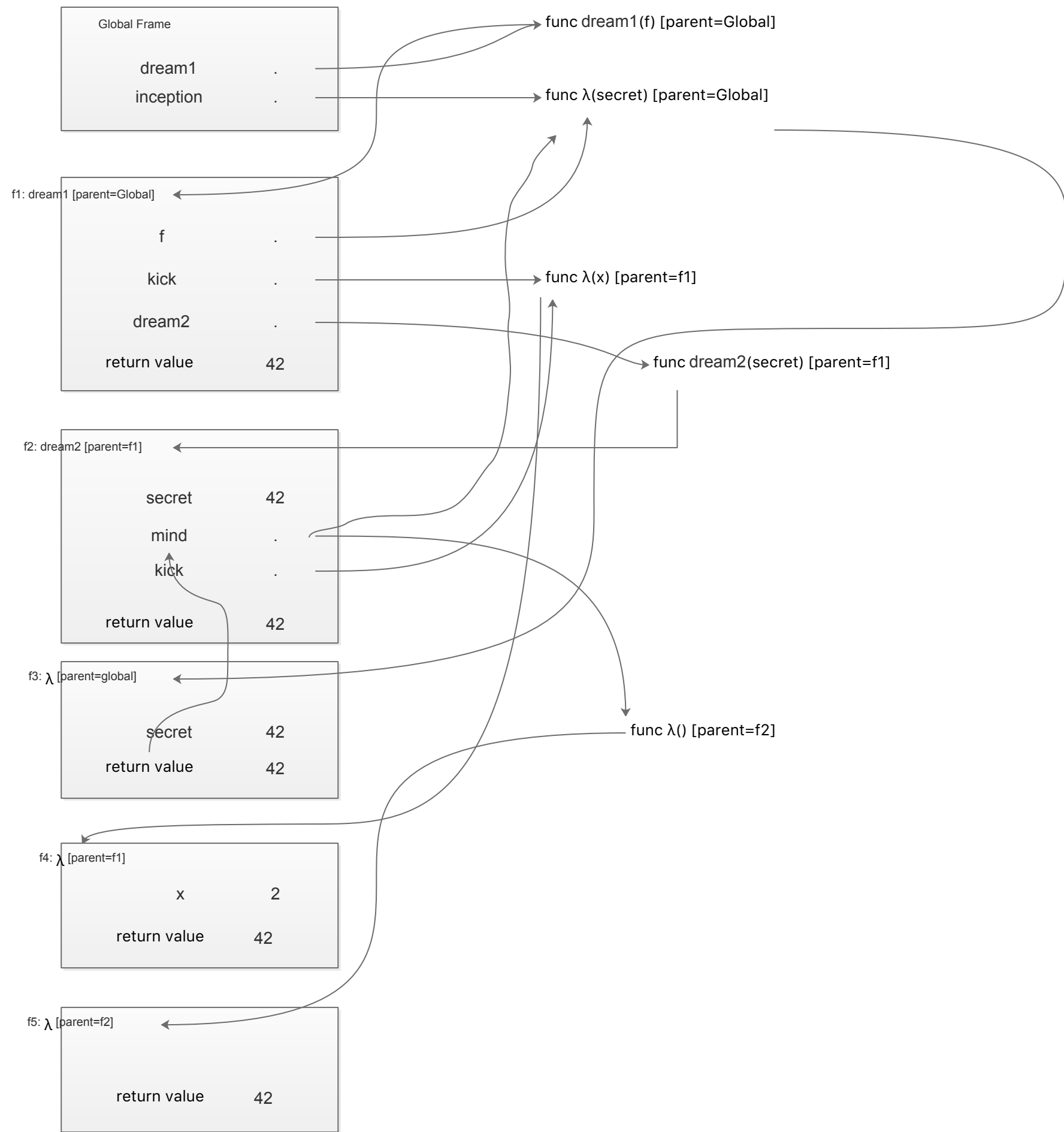
```

```
f(x-1) a(x-1)aabar g
ff
ff
ff

```

```
def dream1(f):
    kick = lambda x: mind()
    def dream2(secret):
        mind = f(secret)
        kick(2)
    return dream2

inception = lambda secret: lambda: secret
real = dream1(inception)(42)
```



```

def mouse(n):
    if n >= 10:
        squeak = n // 100
        n = frog(squeak) + n % 10
    return n

def frog(croak):
    if croak == 0:
        return 1
    else:
        return 10 * mouse(croak+1)

mouse(357)

```

