P: (x)  
B6: (if (= x 0) x (g x))

P: (x)  
B1: (lambda (y) (/ x y))

GE

a: 2

goo:

foo:

P: (f)  
B2: (g (lambda (x) (f x))

E1

f:

GE

E2

x: a

E1

**B6**

**B5**

**B4**

**B3**

**B2**

**B1**

1. (define a 2)
2. (define goo   
    (lambda (x)   
    (lambda (y)   
    (/ x y))))
3. (define foo   
    (letrec   
    ((f (goo a))   
    (g (lambda (x) (f x))))   
    (lambda (x)   
    (if (= x 0) x (g x)))))
4. (foo (foo 0))

P: (g)  
B3: lambda (x) (f x)

E4

x: 0

E3

E5

x: (foo 0)

E3

E3

g:

E1

P: (x)  
B4: (f x)

P : (y)  
B2 : (/ x y))