

let $a = 1$

$b = 2$

$c = 3$

$p = \text{proc } (x, y, z, f)$

begin

set $x = -(y, x);$

set $y = (f(z) x);$

end

$q = \text{proc } (m, n)$

begin

set $n = *(m, 5);$

set $m = +(m, 6);$

$+(m, n)$

end

in

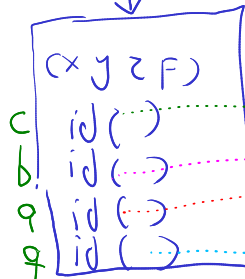
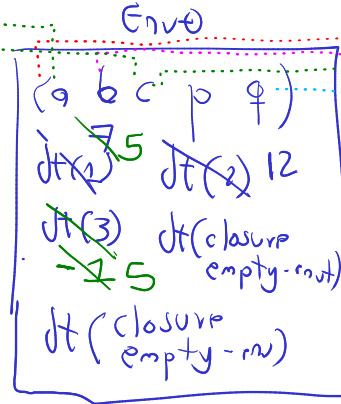
begin

set $a = (p(c b a q));$

$+(a, c)$



Empty-env



set $x = -(y, x)$

$x = -(2, 3)$

$x = -1$

$y = (f z x)$

10

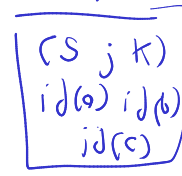
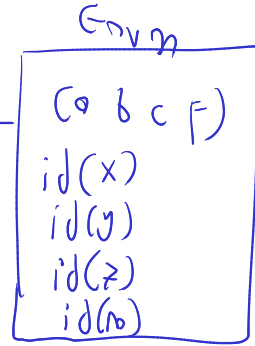
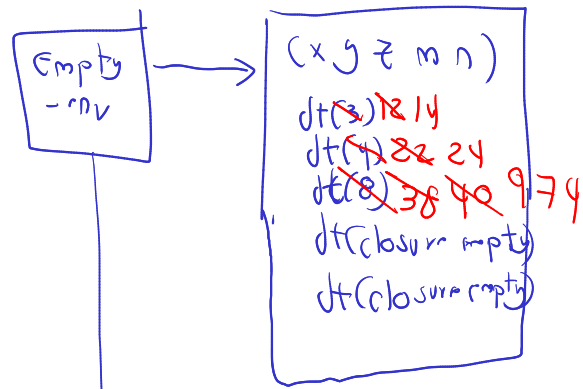
998

```
let
x = 3
y = 4
z = 8
```

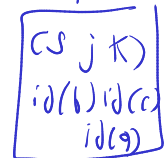
```
m = proc ( s, j, k )
begin
set s = +(j , k ) ;
+(s , 2 )
end
```

```
n = proc ( a, b, c, f )
begin
set a = ( f a b c ) ;
set b = ( f b c a ) ;
set c = ( f c b a ) ; +(a , *(b , c ) )
end
```

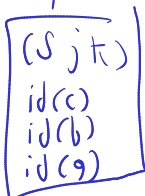
```
in
begin
set z = (n x y z m) ;
+(z , y )
end
```



S = +(j, k)
S = +(4, 8)
S = 12
14



S = +(8, 14)
= 22
24



S = +(14, 24)
S = 38
40

+(14, x(24, 40))
974

974

(974, 24) = 998