

class  $c_1$  extends object

field a

field b

method initialize () 0

method setup (k, l)

begin

set a=+(k,3);

→ set b=l;

8

end

method m1 (n) send self m2 (+(a,n)) ↵

method m2 (n) \*(n, -(a,b))

method m4 (x, y) send self m1 (-(x,y))

class  $c_2$  extends  $c_1$

field b

field c

method setup (k, l)

begin

set b=k;

set c=-(k, l);

super setup(+(b,k), -(l,l));

send self m3(k)

end

method m2 (n) super m2(+(n, c))

method m3 (n) send self m1(\*(n,2))

method m4 (n, m) +(m, super m4(n, m))

class  $c_3$  extends  $c_2$

method m2 (n) super m2(n)

method m4 (n,m) \*(+(n,m),b)

let p=proc (o, r, q)

let  $r_1$  = send o setup(r, q)

in let  $r_2$  = send o m4(q, r)

$r_3$  = send o m1(r)

in +(r<sub>1</sub>, +(r<sub>2</sub>, r<sub>3</sub>))

$o_1$  = new  $c_1$ () ↵

$o_2$  = new  $c_2$ ()

$o_3$  = new  $c_3$ ()

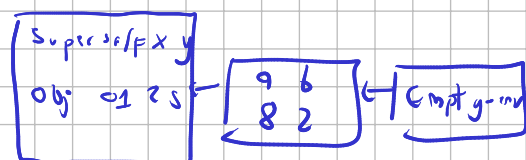
in let  $x$  = (p  $o_1$  5 2) ↵  $8 + 30 + 78 = 116$

$y$  = (p  $o_2$  4 1)

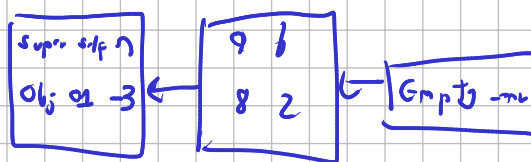
$z$  = (p  $o_3$  3 0)

in send  $o_2$  m4( $x$ , +(y,z))

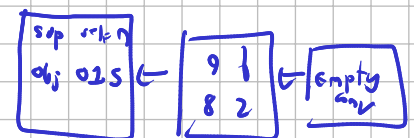
Send  $o_1$  m4(2, 5)



Send  $o_1$  m1(-3)



Send  $o_1$  m2(5)



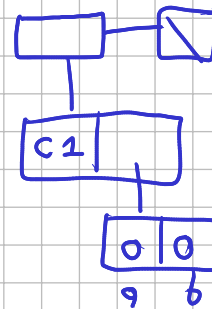
\*(n, -(r, b))

\*(5, 6) = 30

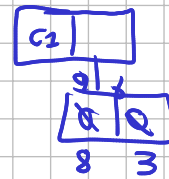
1) Dibuja los obj  $o_1, o_2, o_3$

2) Hacer la ambiente

01)

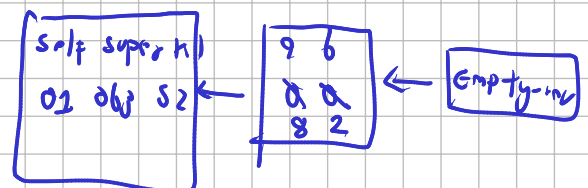


Simple



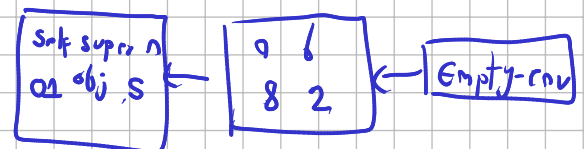
p/ong

Send  $o_1$  setup(5, 2)

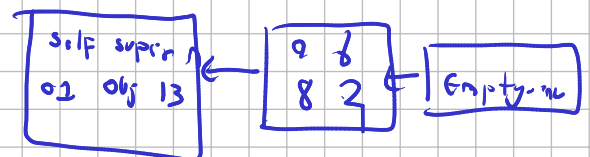


$v_1 = 8$

Send  $o_1$  m2(5)



Send  $o_1$  m2(13)



\*(n, -(r, b))

\*(13, 6) = 78