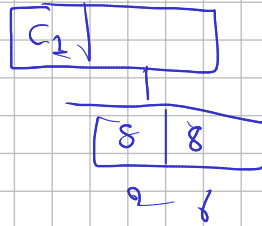
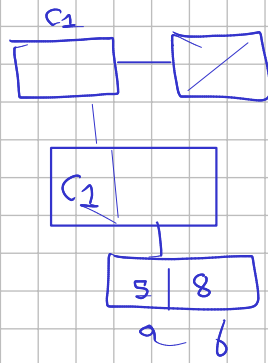


```

class c1 extends object
  field a
  field b
  method initialize()
    begin
      set a = 5;
      set b = 8
    end
end

let
  o1 = c1()
in
  o1

```



class animal extends object

field vivo

field num_patas

method initialize(v,n)

begin

set vivo = v;

set num_patas = n

end

class perro extends animal

field edad

field color

method initialize(e,c)

begin

super initialize(true,4);

set edad = e;

set color = c

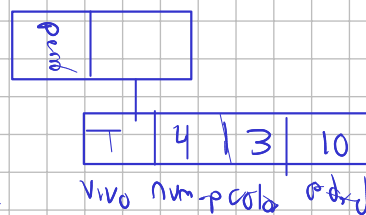
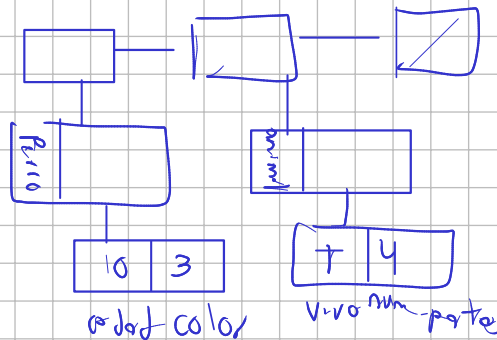
end

let

o1 = new perro(10,3)

in

o1



class p1 extends object

field a

field b

field c

method initialize(f, g, h)

begin

set a = f;

set b = g;

set c = h;

0

end

method setValor(p,q)

begin

set a = +(a,p);

set b = +(b,q);

set c = +(c,b);

send self getValor(a,b)

end

method getValor(p,q)

+(p, *(q,a))

class p2 extends p1

field d

field e

method initialize(k, l, m)

begin

super initialize(k,l,m);

set a = super getValor(k,l);

set b = super getValor(l,m);

set c = super getValor(m,k);

0

end

method getValor(m,n)

+(d, *(m,n))

class p3 extends p2

field f

field g

method initialize(k, l, m)

begin

super initialize(k,l,m);

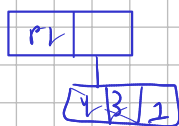
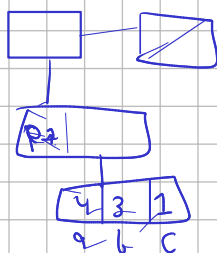
set f = super getValor(k,l);

set f = super getValor(l,m);

0

end

o1)



method getValor(m,n)

+(g, +(m,n))

let

o1 = new p1(4,3,1)

o2 = new p2(5,4,2)

o3 = new p3(3,4,2)

in

let

a = send o1 setValor(1,4)

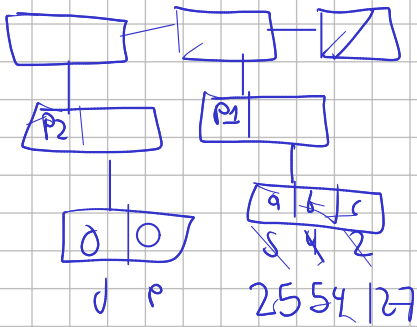
b = send o2 setValor(3,2)

c = send o3 setValor(4,8)

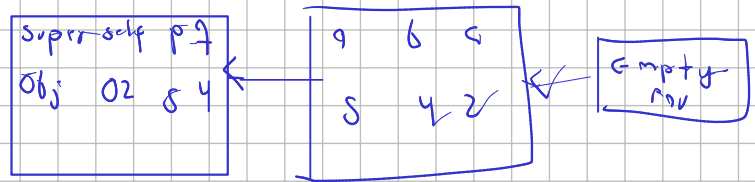
in

+(a,+(b,c))

02)



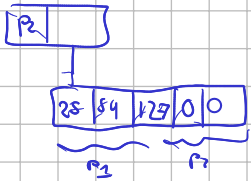
getvalue(5, 4)



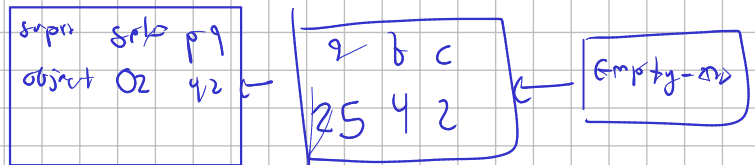
$f(p, *(q, a))$

$f(s, *(y, s)) = 25$

02)

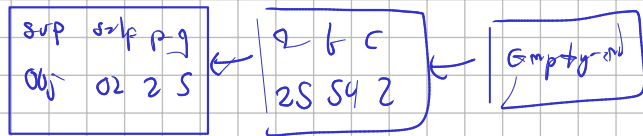


getvalue(4, 2)



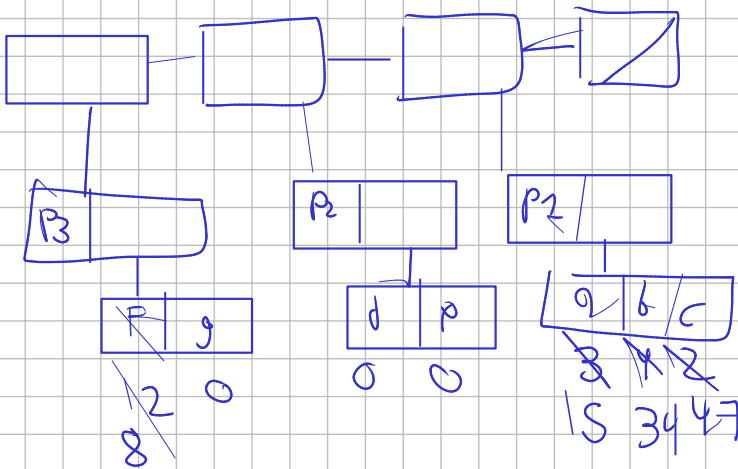
$f(y, *(z, s)) = 54$

getvalue(2, 8)

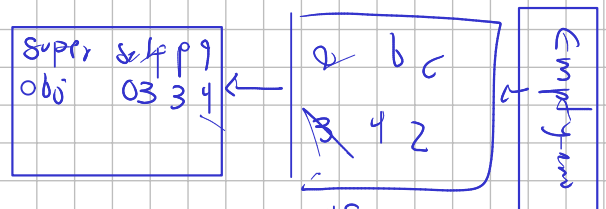


$f(z, *(s, 25))$

03)

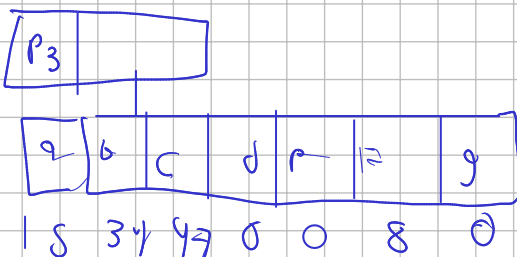
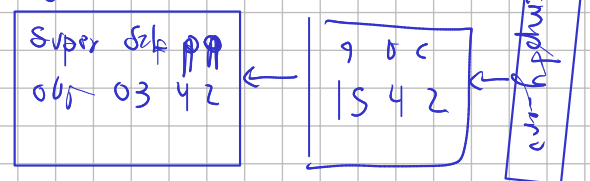


getvalue(3, 4)

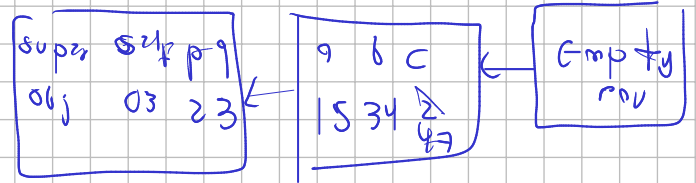


$f(p, *(q, g)) = 15$

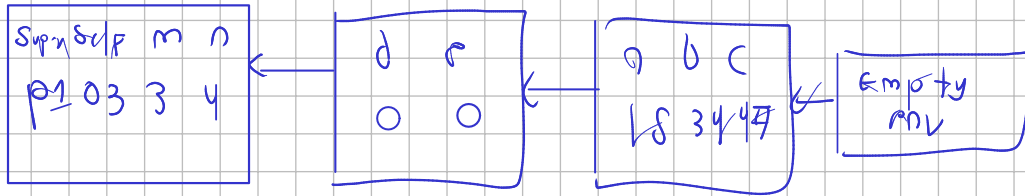
getvalue(4, 6)



getValor(2, 3)

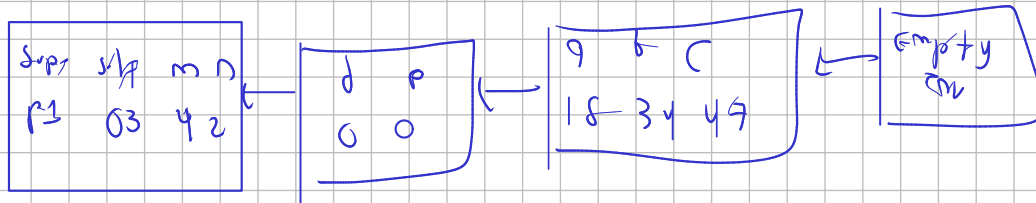


getValor(3, 4)



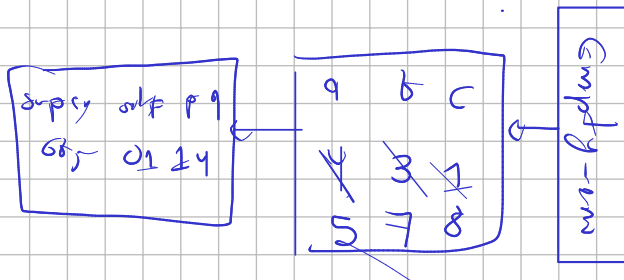
+cd

getValor(4, 6)

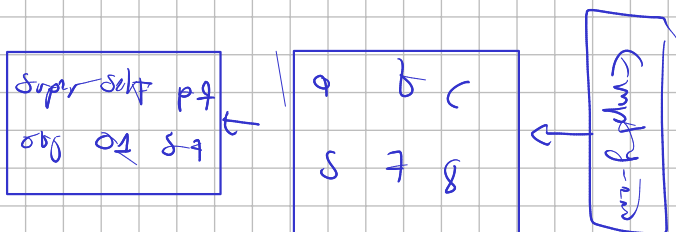


+cd, x(m, n)

Q2 SetValor(1, 4)

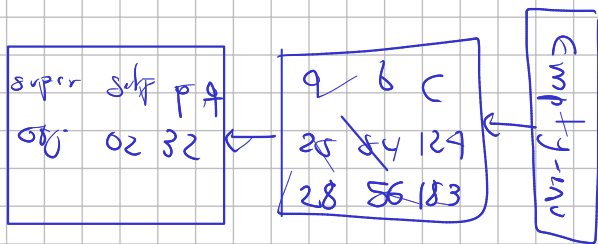


Send Q1 getValor(5, 7)

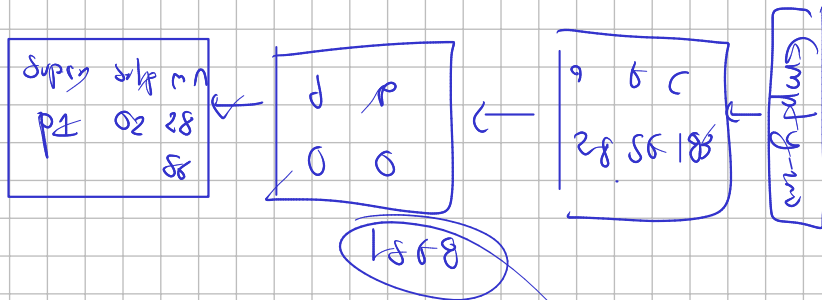


+cd, 35 = 40

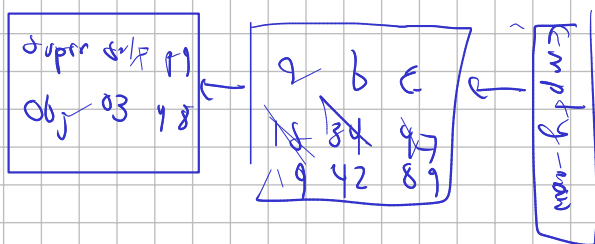
Send 02 setValor(3, 2)



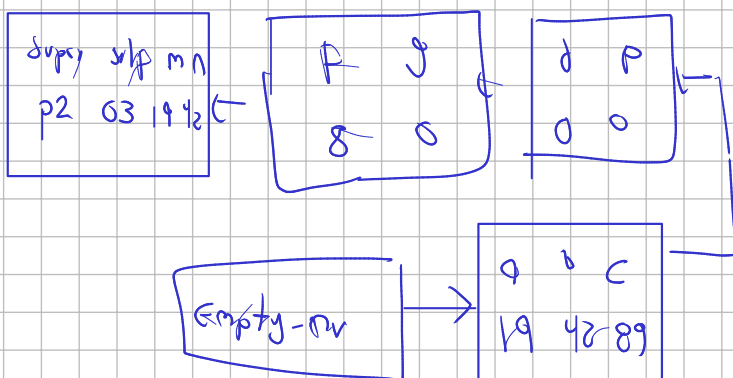
Send 02 getValor(28, 56)



Send 03 setValor(4, 8)



Send 03 getValor(19, 42)



+(g, +(m, n)) (61)

a = 40

b = 1868

c = 61