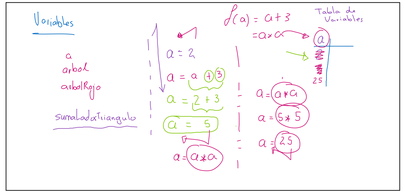
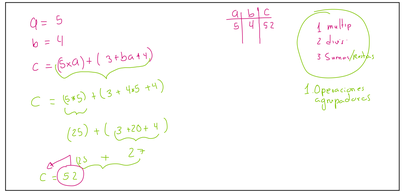

Variables
a
arbol
arbolRojo
sumaladoxTriangulo
Tabla de Variables
a = 2
a = a + 3
a = 2 + 3
a = 5
a = a * a
a = 5 * 5
a = 25


a = 5
b = 4
c = (5*a) + (3+b*4)
c = (5*5) + (3 + 4*5 + 4)
(25) + (3 + 20 + 4)
c = 52
1 multip
2 divis
3 Sumas/restas
1 Operaciones agrupadores

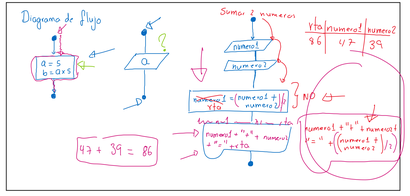
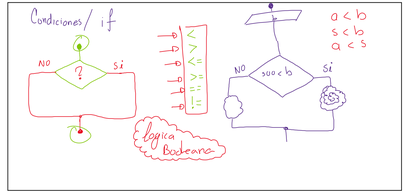
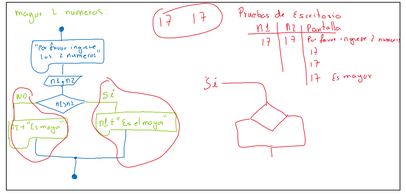
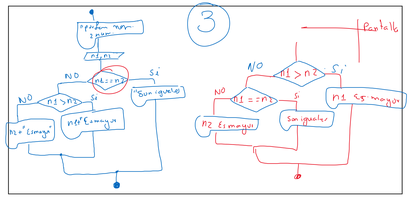
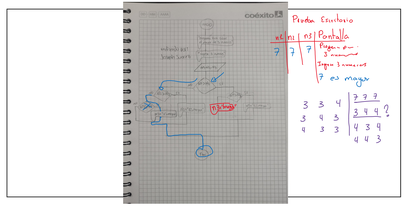


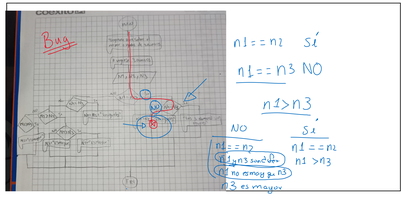
Diagrama de flujo
Sumar 2 numeros
numero1
numero2
47 + 39 = 86

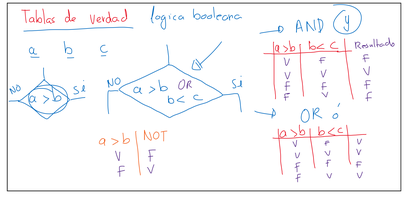

Condiciones / if
NO
Si
logica Booleana
a < b
s < b
a < s

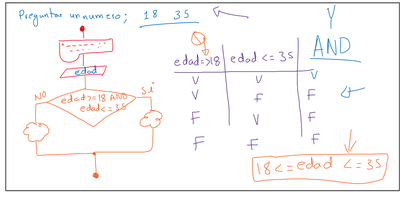

mayor 2 numeros.
Pruebas de escritorio
Es mayor

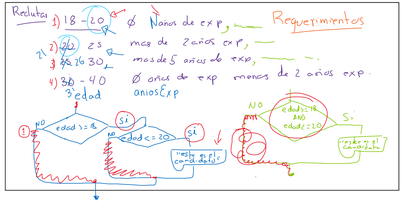

3
Pantalla
NO
Si
n1 es mayor
n2 es mayor
n1 es mayor

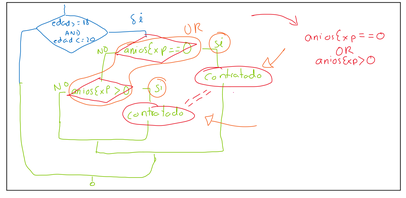

Prueba Escritorio
Pregunta por 3 numeros
Pantalla
7 es mayor

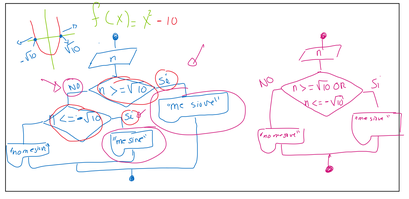

Bug
n1 == n2 Si
n1 == n3 NO
n1 > n3
NO
Si
n1 == n2
n1 > n3
n3 es mayor

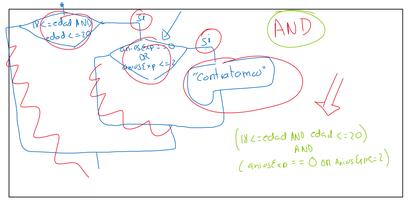

Tablas de Verdad
logica booleana
AND
OR
NOT

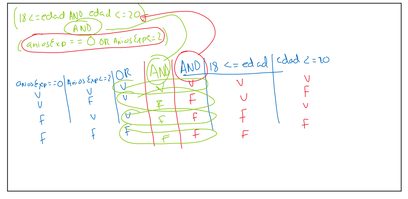

Preguntar un numero; 18 35
edad
edad >= 18 AND edad <= 35
AND
18 <= edad <= 35

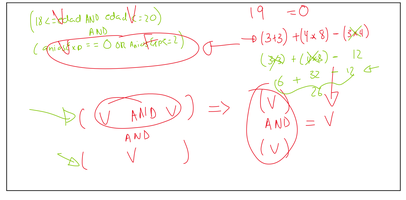

Reclutas
Requerimentos
edad >= 18
edad <= 20
edad >= 18 AND edad <= 20

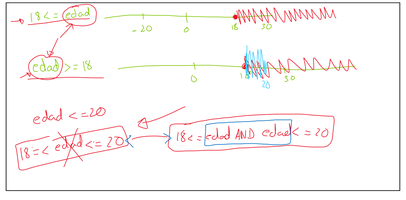

edad >= 18 AND edad <= 20
OR
anios Exp == 0
anios Exp > 0
contratado

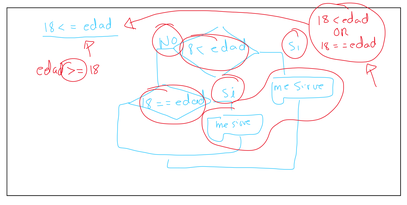
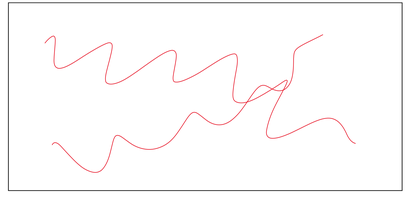
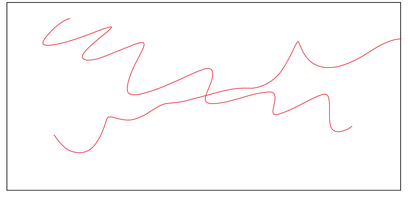

f(x) = x² - 10
n >= √10
n <= -√10
me sirve
no sirve
n >= √10 OR n <= -√10


AND
"contratomos"
(18 <= edad AND edad <= 20)
AND
(anios Exp == 0 OR anios Exp <= 2)


(18 <= edad AND edad <= 20)
AND
(anios Exp == 0 OR anios Exp <= 2)
OR
AND
AND
18 <= edad
edad <= 20


(18 <= edad AND edad <= 20)
AND
(anios Exp == 0 OR anios Exp <= 2)
19 = 0
AND
AND
AND
V
V
V


18 <= edad
edad >= 18
edad <= 20
18 <= edad AND edad <= 20


18 <= edad
edad >= 18
NO
Si
18 < edad
me sirve
18 <= edad
18 < edad OR 18 == edad