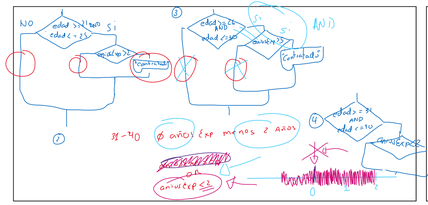
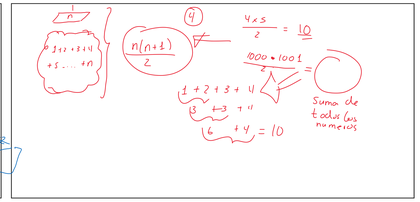
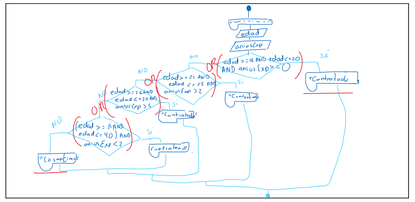
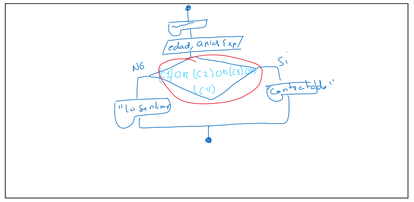
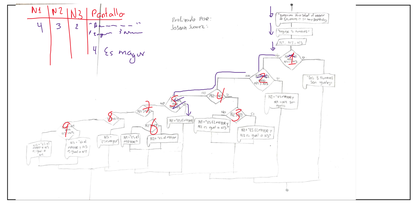

NO
edad >=21 AND edad <=25
SI
edad >=21
edad <=25
AND
%=40
Ø años, ¿ese menos 2 años
anualcep <=

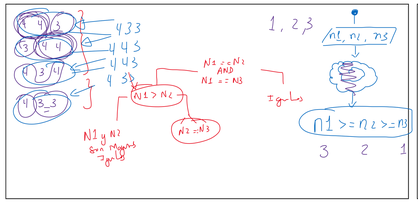

n
1+2+3+4+5 ... +n
n(n+1)/2
4x5/2 = 10
1000 * 1001 / 2 =
1+2+3+4
3 ↔ 7
6 + 4 = 10
Suma de todos los numeros

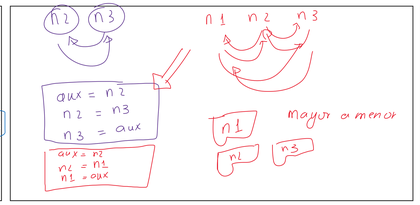

edad
anualcep
edad >=21 AND edad <=25 AND anualcep >=2
edad >=21 AND edad <=25
edad >=21
edad <=25
edad >=40 AND anualcep <=2
"Contabiliza"
"Lo sentimos"
NO
SI

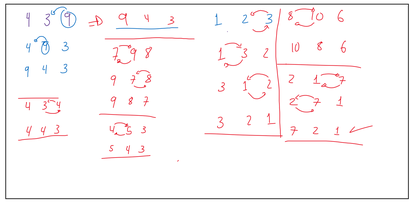

edad, anual, sep
NO
SI
"Lo sentimos"
"Contabiliza todo"

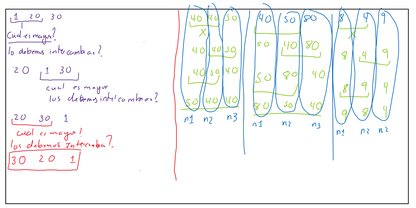
3 3 4
3
3 3 2
3 2 3
2 3 3
3
4 4 4
3

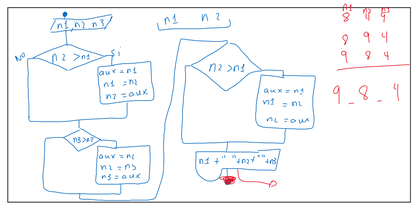

N1 N2 N3 Detalle
4 3 2
4 Es mayor
Entrando por Salida Jamás

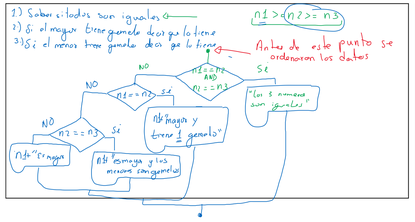

4 3 3
3 4 4
4 3 4
4 3 3
4 3 3
4 4 3
4 4 3
4 3 3
N1 > N2
N2 = N3
N1 y N2 son iguales
N1 <= N2 AND N1 == N3
Iguales
1, 2, 3
n1, n2, n3
n1 >= n2 >= n3
3 2 1

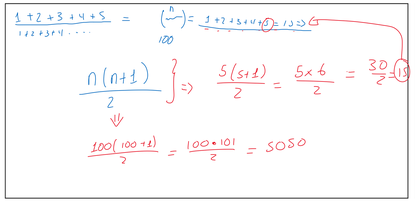

n2 n3
aux = n2
n2 = n3
n3 = aux
aux = n2
n2 = n1
n1 = aux
n1 n2 n3
mayor a menor
n1
n2
n3

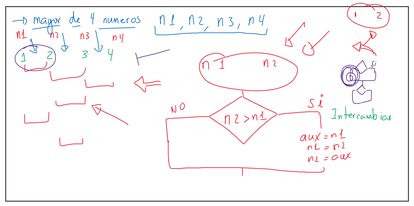

4 3 9 ⇒ 9 4 3
4 9 3
9 4 3
4 3 4
4 4 3
9 4 3
9 3 8
9 2 3
9 8 7
4 3 3
5 4 3
1 2 3
1 3 2
3 1 2
3 2 1
8 10 6
10 8 6
2 1 3
2 3 1
7 2 1

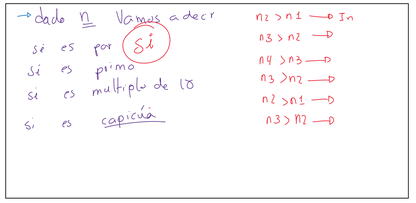

1 20 30
Cual es mayor?
lo debemos intercambiar?
20 1 30
cual es mayor
los debemos intercambiar?
20 30 1
cual es mayor?
los debemos Intercambiar?
30 20 1
40 40 50
40 40 50
40 50 40
50 40 40
n1 n2 n3
40 50 80
50 40 80
50 80 40
80 50 40
n1 n2 n3
8 9 9
8 9 4
9 8 4
9 4 4
n1 n2 n3

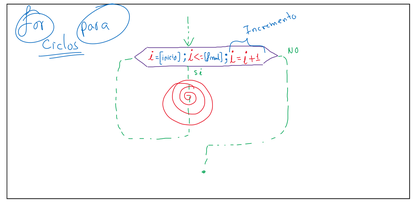

n1 n2 n3
n2 > n1
SI
NO
aux = n1
n1 = n2
n2 = aux
n3 > n2
aux = n2
n2 = n3
n3 = aux
n1 n2
n2 > n1
aux = n1
n1 = n2
n2 = aux
n1 + " " n2 + " " n3
n1 n2 n3
9 9 4
9 8 4
9 8 4

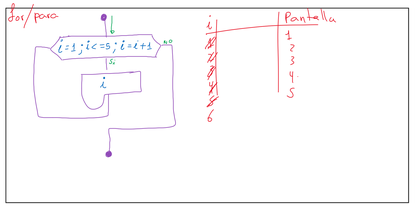

1) Saber si todos son iguales
2) Si el mayor tiene gemelo dos que lo tiene
3) Si el menor tiene gemelo dos que lo tiene
n1 > n2 >= n3
Antes de este punto se ordenaron los datos
n1 == n2 AND n2 == n3
n1 == n2
n2 == n3
"Los 3 numeros son iguales"
"n1 tiene gemelo y tiene 1 gemelo"
"n1 tiene gemelo y los mismos tiene gemelo"
"n1 tiene gemelo"
NO
SI

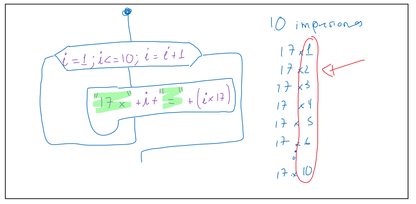

1+2+3+4+5 = (n/2) = 1+2+3+4+5 = 15
1+2+3+4 ....
100
n(n+1)/2 ⇒ 5(5+1)/2 = 5x6/2 = 30/2 = 15
100(100+1)/2 = 100*101/2 = 5050


→ mayor de 4 numeros
n1, n2, n3, n4
n1 n2 n3 n4
1 2 3 4
n1 n2
n2 > n1
NO
SI
Intercambiar
aux = n1
n1 = n2
n2 = aux


→ dado n vamos a decir
si es par
si es primo
si es multiplo de 10
si es capicúa
n2 > n1 → In
n3 > n2 →
n4 > n3 →
n3 > n2 →
n2 > n1 →
n3 > n2 →


for
Ciclos
para
Incremento
i=[valor]; i<[final]; i=i+1
SI
NO


for/para
i=1; i<=5; i=i+1
SI
NO
i
Pantalla
1
2
3
4
5
6


i=1; i<=10; i=i+1
"17 x " + i + " = " + (i*17)
10 impresiones
17 x 1
17 x 2
17 x 3
17 x 4
17 x 5
17 x 6
17 x 10