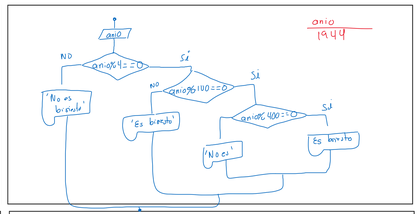
1) divisible 4
2) divisible 100 != 0
3) divide 400 == 0

Si { 2012 → n % 4 = 502 ✓
2012 → 100 = 20,12 ?
2012 → 400 = 5,03

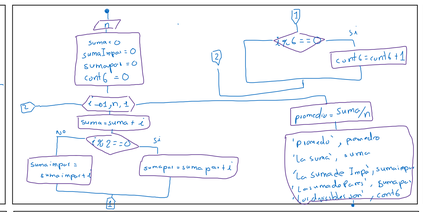
Si → 2000 → 4 = 500 ?
2000 → 100 = 20 ?
2000 → 400 = 5

Si es divisible 4 y No es divi. 100
→ Si es div. 4 y divisible 100 y divisible 400



anio
1944

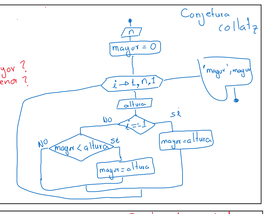
• n → numero
1 → n
- promedio → suma / cantidad
- sumatoria → suma = suma + i
- sumatoria → de los numeros pares → sumapar = sumapar + i { i%2==0 }
- sumatoria → numeros impares → sumaimpar = sumaimpar + i { NO i%2==0 }
- Cuantos numeros son divisibles por 6 → i%6==0 → Sí
Contador = contador + 1
i → 1, n, 1

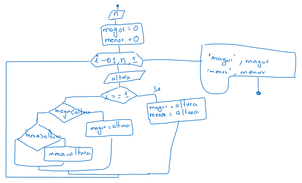


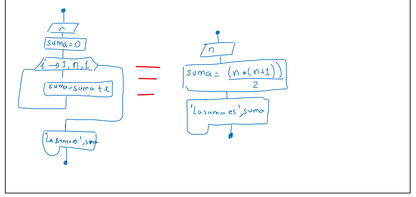
• Cuantos datos? → n
• altura en cm
• Cual es la altura mayor?
Cual es la altura menor?

n	mayor	i	altura
3	~~0~~	~~1~~	-100
	~~0~~	~~2~~	-50
	~~150~~	~~3~~	-270
	210	~~4~~	-30
		5	-25

Conjetura collatz

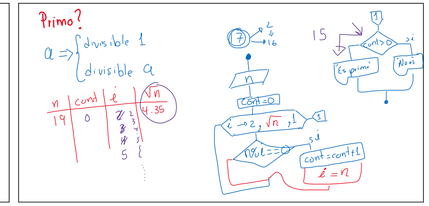


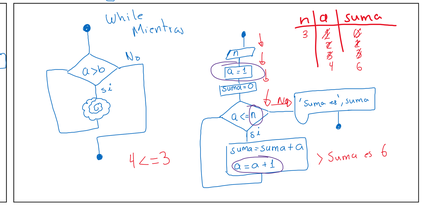




Primo?
a ⇒ { divisible 1
divisible a

n	cont	i	√n
19	0	2	4.35
		3	
		4	
		5	





n	a	suma
3	~~1~~	~~0~~
	~~2~~	~~1~~
	~~3~~	~~3~~
	4	6

Suma es 6

boolean
V/F
True/False
1/0

C1	Bool	C2
a<=n		a<b
	Or	
	0	

C1	And	C2
True	True	True
True	False	False
False	True	False
False	False	False

C1	And	C2
1	1	1
	0	0
0	1	0
0	0	0

Tablas de Verdad

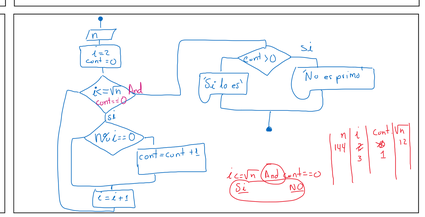
C1	And	C2	=
Si	And	No	= No
Si	And	Si	= Si
No	And	No	= NO
No	And	Si	= NO

C1	Or	C2	=
Si	Or	Si	= Si
Si	Or	NO	= Si
No	Or	Si	= Si
No	Or	No	= No

Not

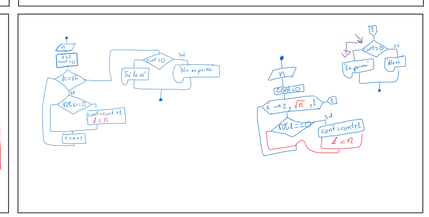
Not C1

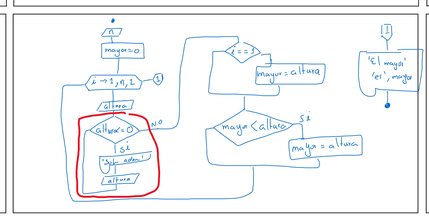
C1	Not C1
True	False
False	True

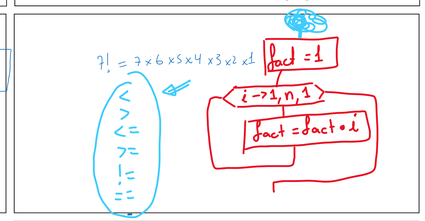


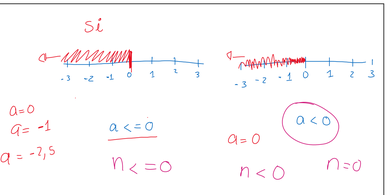
n	i	cont	√n
144	~~2~~	~~0~~	12
	~~3~~	~~1~~	

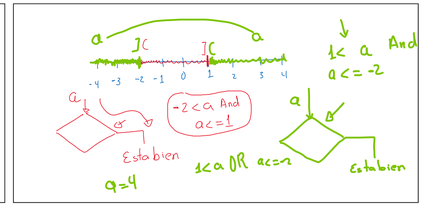
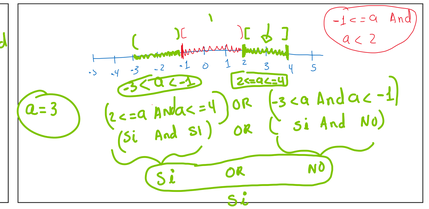
i<=√n And cont==0
Sí NO











1< a And a<= -2