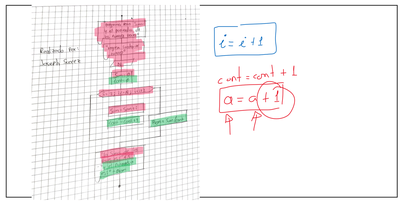
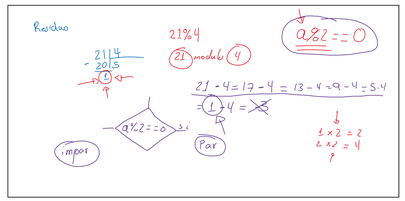
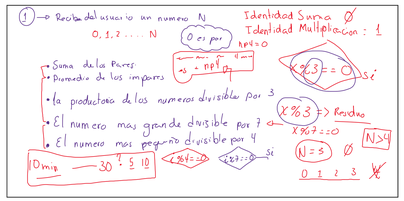
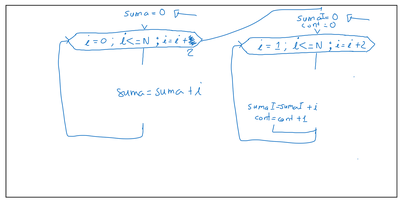
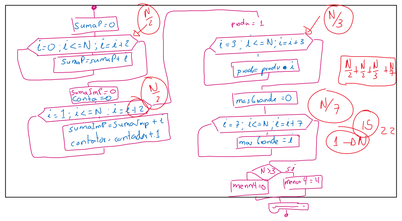
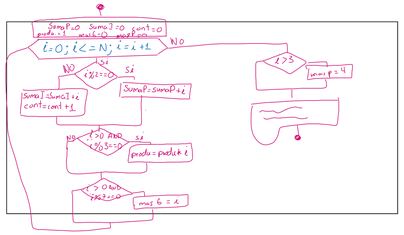

Real Ends | For
Joseph Scott
i = i + 1
cont = cont + 1
a = a + 1

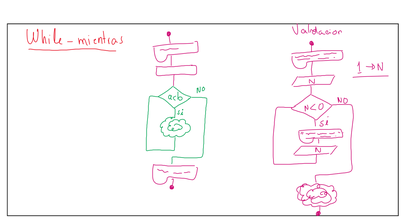

Residuo
21%4
21 modulo 4
21 - 4 = 17 - 4 = 13 - 4 = 9 - 4 = 5 - 4
a%2 == 0
Par
impar

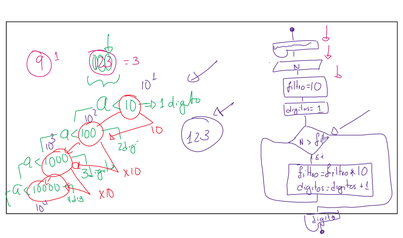

Identidad Suma Ø
Identidad Multiplicación: 1
Suma de los Pares
Promedio de los impares
la productoria de los numeros divisibles por 3
El numero mas grande divisible por 7
El numero mas pequeño divisible por 4
Residuo
N = 3
N > 4

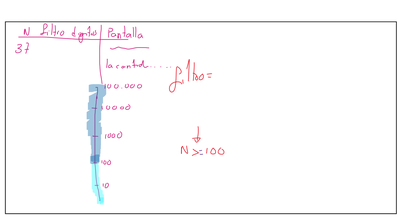

suma = 0
i = 0; i <= N; i = i + 1
suma = suma + i
cont = 0
i = 1; i <= N; i = i + 2
sumaI = sumaI + i
cont = cont + 1

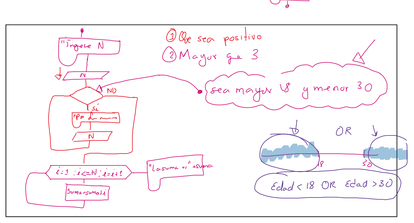

sumaP = 0
i = 0; i <= N; i = i + 2
sumaP = sumaP + i
sumaI = 0
contador = 0
i = 1; i <= N; i = i + 2
sumaI = sumaI + i
contador = contador + 1
prod = 1
i = 3; i <= N; i = i + 3
prod = prod * i
mas Grande = 0
i = 7; i <= N; i = i + 7
mas Grande = i
mientras
para 4 = 4

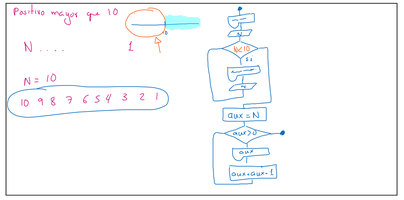

sumaP = 0 sumaI = 0 cont = 0
prod = 1 mas6 = 0
i = 0; i <= N; i = i + 1
i % 2 == 0
sumaP = sumaP + i
sumaI = sumaI + i
cont = cont + 1
i > 0 AND i % 3 == 0
prod = prod * i
i > 0 AND i % 2 == 0
mas 6 = i
i > 5
mas 4 = 4

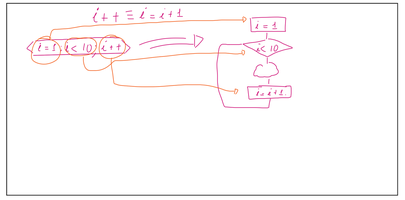

While - mientras
Validación
1 → N
a<6
N<0

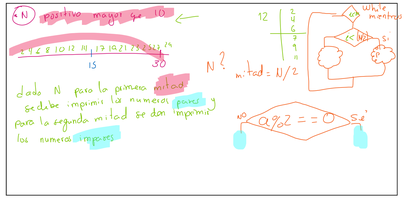

a = 1023
a < 10 → 1 digito
a < 100
a < 1000
a < 10000
123
hijo = 0
digitos = 1
hijo = hijo * 10
digitos = digitos + 1

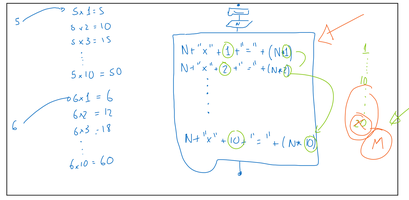

N hijo digitos Pantalla
37
la cantidad.....
hijo =
N ≥ 100

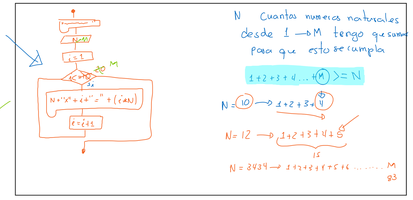

Que sea positivo
Mayor que 3
sea mayor 18 y menor 30
OR
edad < 18 OR edad > 30
ingrese N
i = 3 ; i <= N ; i = i + 1
"la suma es" suma

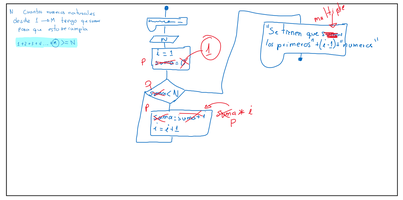

Positivo mayor que 10
N . . . .
N = 10
10 9 8 7 6 5 4 3 2 1
N < 10
aux = N
aux > 0
aux = aux - 1

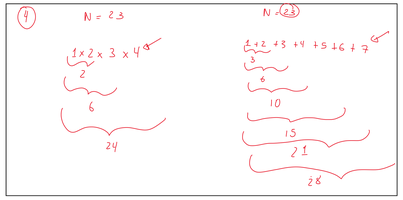

i = 1 ; i < 10 ; i = i + 1
i = 1
i < 10
i = i + 1

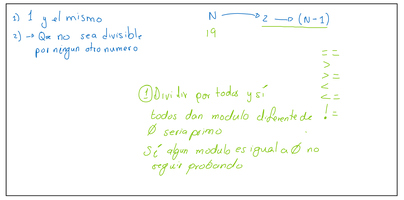

N positivo mayor que 10
2 4 6 8 10 12 14 16 18 20 22 24 26 28 30
15
dado N para la primera mitad se debe imprimir los numeros pares y para la segunda mitad se dan imprimir los numeros impares
N ?
mitad = N/2
while mientras
i < N/2
a%2 == 0


5 x 1 = 5
5 x 2 = 10
5 x 3 = 15
5 x 10 = 50
6 x 1 = 6
6 x 2 = 12
6 x 3 = 18
6 x 10 = 60
N + "x" + 1 + "=" + (N*1)
N + "x" + 2 + "=" + (N*2)
N + "x" + 10 + "=" + (N x 10)
M


N Cuantos numeros naturales desde 1 → M tengo que sumar para que esto se cumpla
1 + 2 + 3 + 4 ... M >= N
N = 10 → 1 + 2 + 3 + 4
N = 12 → 1 + 2 + 3 + 4 + 5
N = 3849 → 1 + 2 + 3 + 4 + 5 + 6 ..... M
93


N Cuantos numeros naturales desde 1 → M tengo que sumar para que esto se cumpla
1 + 2 + 3 + 4 ... M >= N
i = 1
sumaI = 0
sumaI < N
sumaI = sumaI + i
i = i + 1
"Se tienen que sumar los primeros" "i+1" "numeros"
mas 4 = i


N = 23
1 x 2 x 3 x 4
6
24
N = 23
1 + 2 + 3 + 4 + 5 + 6 + 7
3
6
10
15
21
28


1) 1 y el mismo
2) → Que no sea divisible por ningun otro numero
N → 2 → (N - 1)
19
1) Dividir por todos y si todos dan modulo diferente de Ø sera primo
Si algun modulo es igual a Ø no seguir probando