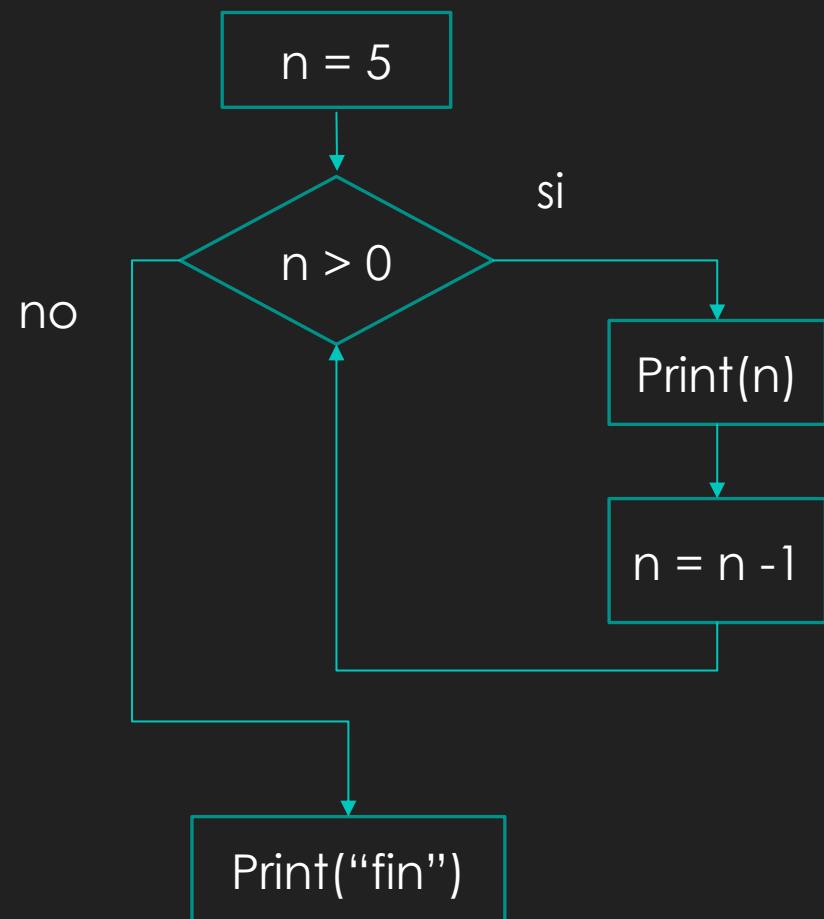


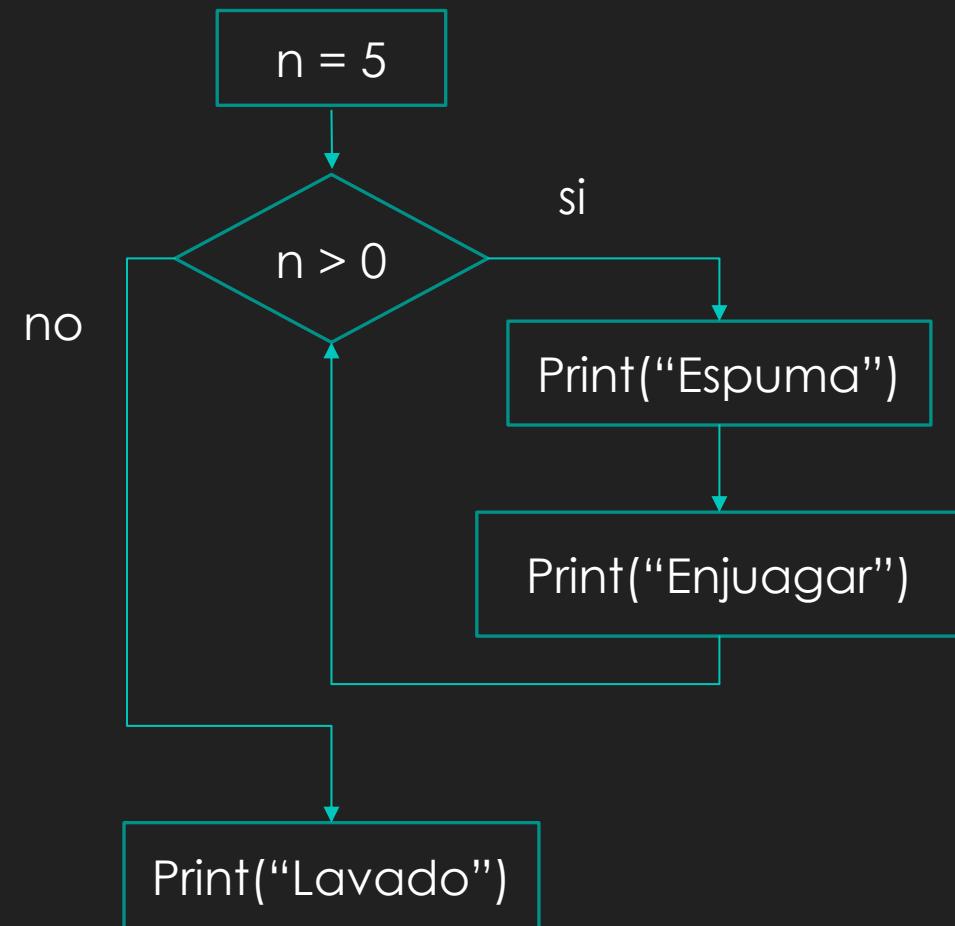
L8

Pasos repetitivos



```
repeated_step.py
1 n = 5
2 while n > 0:
3     print(n)
4     n = n - 1
5 print("termino")
6 print(n)
```

Pasos repetitivos



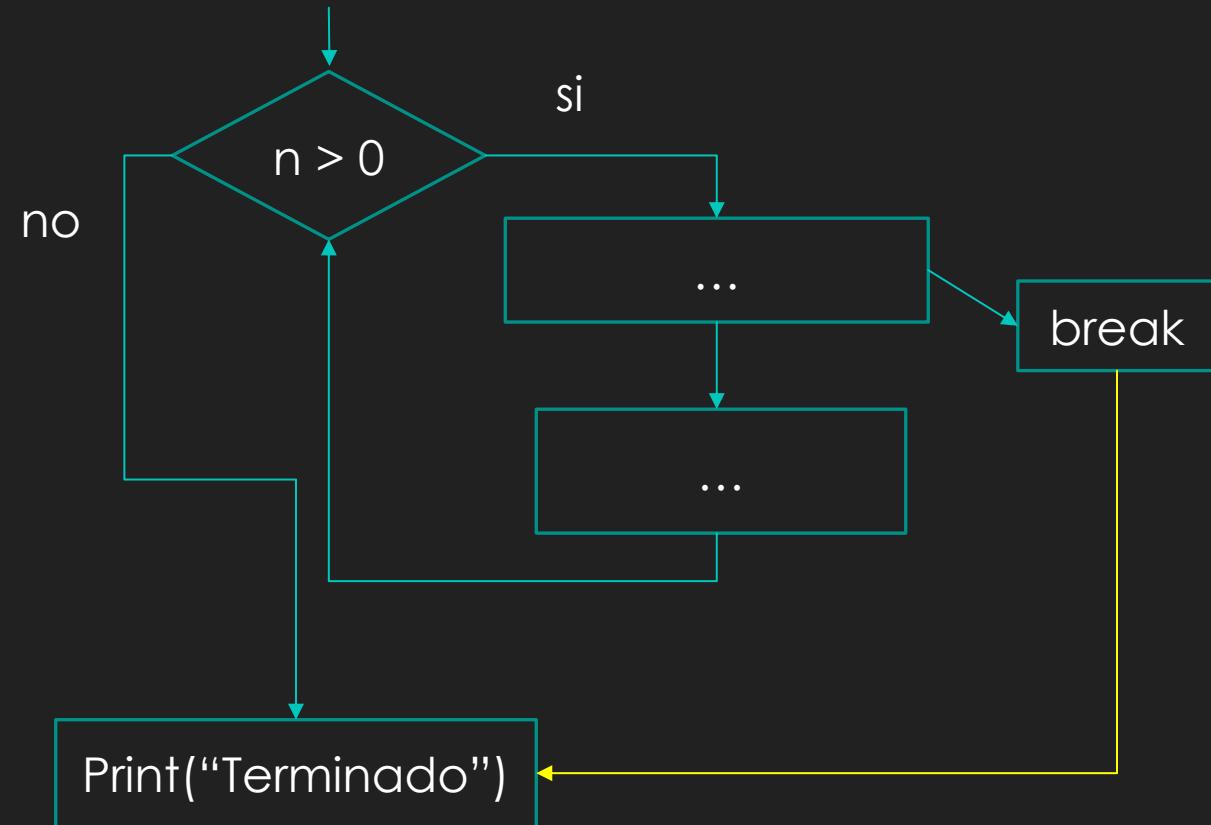
repeated_step.py

```
1 n =5
2 while n> 0:
3     print("Lather")
4     print("Rinse")
5     print("Dry off")
6
```

Romper un Loop

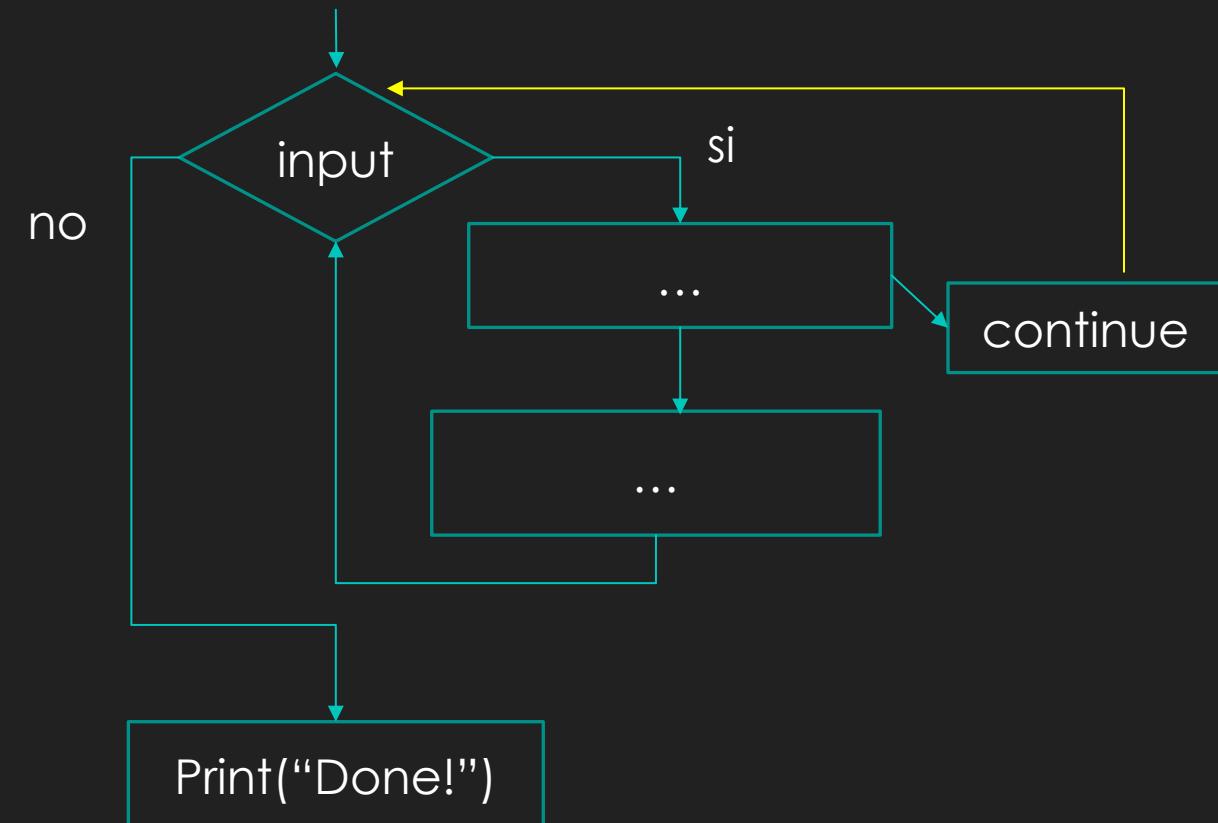
breaking_loop.py

```
1 while True:  
2     line = input(">")  
3     if line == "fin":  
4         break  
5     print(line)  
6 print("Terminado!")
```



Finaliza una iteración con Continue

```
F_conL.py
1 while True:
2     line = input(">")
3     if line[0] == "#":
4         continue
5     if line == "done":
6         break
7     print(line)
8 print("Done!")
```



Simple loop

Simple_loop.py

```
1 for i in [5,4,3,2,1] :  
2     print(i)  
3 print("terminar")
```

Que es?

Variable de iteración

5 elementos de la secuencia

```
Str_for.py
1 |for i in [5,4,3,2,1]:
2     print(i)
3
```

Cuerpo del código a
ejecutar para
los valores en la
secuencia

Loop basado en cadenas

Def_Loop.py

```
1 friends = ["Alvaro", "Barbara", "Catalina"]
2 for friend in friends :
3     print("Happy New Year: ", friend)
4 print("Done!")
```

Busquemos el numero mas grande

```
largest_num.py
1 numero_mayor = -1
2 print("Antes", numero_mayor)
3 for el_numero in [9,41,12,3,74,15] :
4     if el_numero > numero_mayor :
5         numero_mayor = el_numero
6         print (numero_mayor)
7 print("El numero mayor es: ", numero_mayor)
8
```