



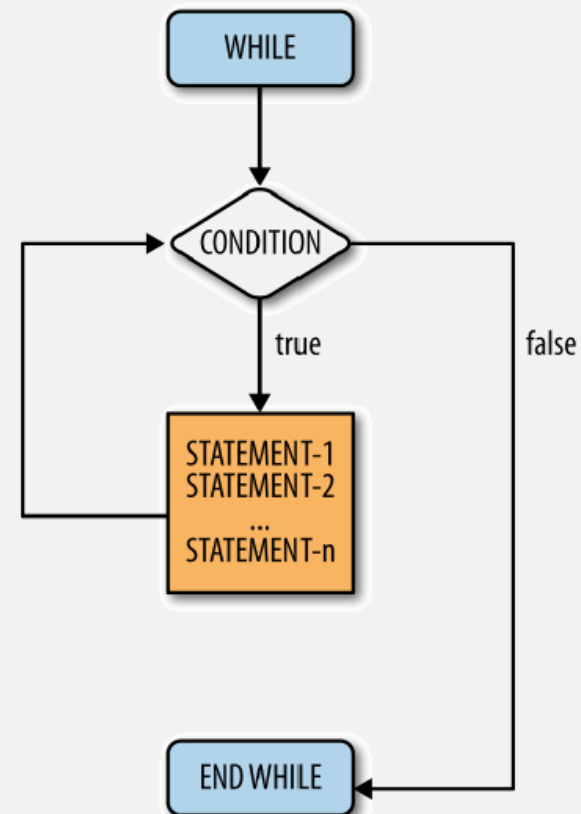
# ESTRUCTURAS REPETITIVAS

- While loops
- Until loops
- For loops and nested loops
- Infinite loops



### *While loop construct*

```
1 while (condition)
2   # statement 1
3   # statement 2
4   # ...
5   # statement n
6 end
```



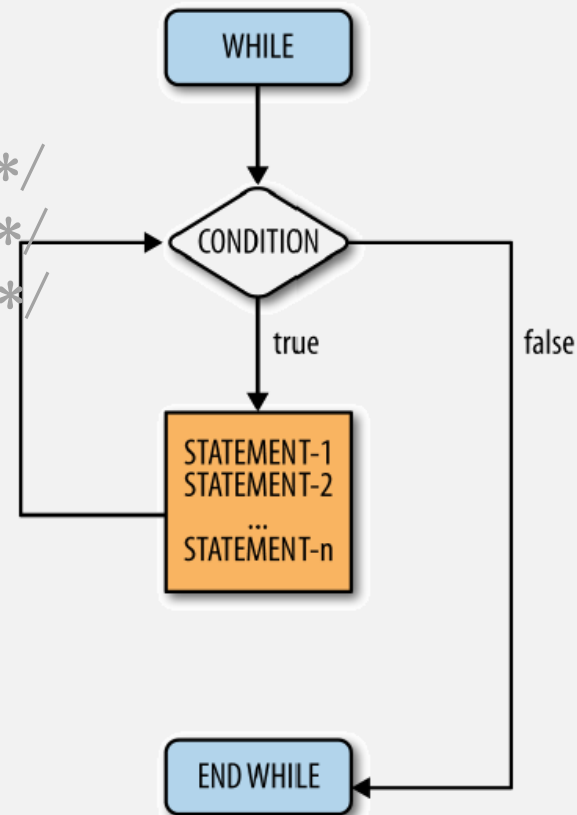
*While loop flowchart*



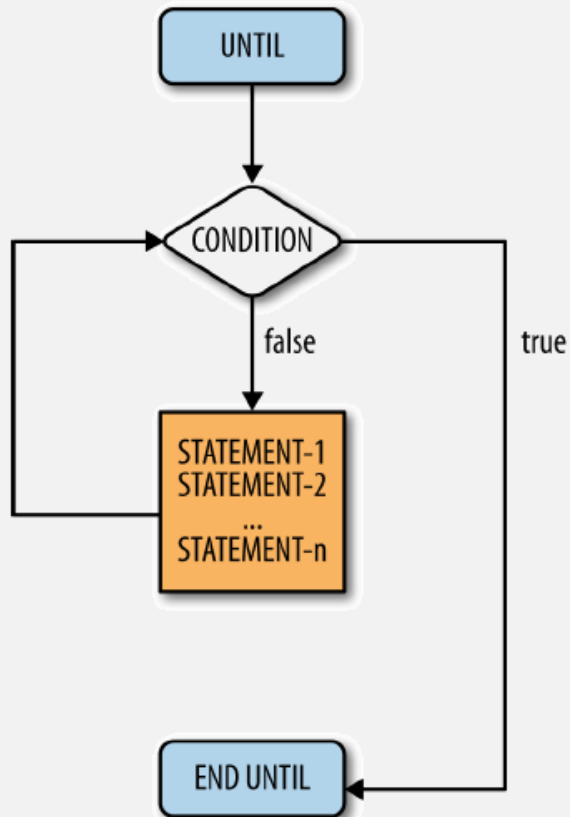
## WHILE LOOPS

# 02

```
1. while (condition)
2.     label redo;
3.     goto label next /*next*/
4.     goto label break /*break*/
5.     goto label redo /*redo*/
6.     label next
7. end
8. label break
9. return
```



*While loop flowchart*



*Until loop flowchart*

### *Until loop construct*

```
1 until (condition)
2   # statement 1
3   # statement 2
4   # ...
5   # statement n
6 end
```

### *Logical operators and their opposites*

Operator	Opposite operator
==	!=
>	<=
<	>=



1. `for` elem `in` colection
2. ...
3. `end`



```
1. for i in (1..3)
2.   puts "Bucle exterior: i="+ i.to_s
3.   for k in (1..4)
4.     puts "Bucle interior: k="+ k.to_s
5.   end
6. end
```



1. `i=5`
2. `while ( i > 0 )`
3. `i=i+2`
4. `end`

Gracias !  
=)

@elioycor