

variable
For i = 1 to 7
Start Stop
EndFor

If (something) Then

Endif

If (something) Then

ElseIf (something else) Then

Else ← everything else

Endif

Call the
Subroutine

doStuff()

Parentheses

Define the
Subroutine

Sub doStuff
EndSub

Same Name

No Parentheses

view

Getters

GetPenColor()
GetPenWidth()
GetBackground()

Change

Setters

SetPenColor("yellow")
SetPenWidth(5)
SetBackground("black")

variable

Zipcode = 90210

value

is

'the current zipcode is 90210

The diagram illustrates the components of map indexing:

- variable**: Points to the variable `map[1]`.
- index**: Points to the index `1` in `map[1]`.
- value**: Points to the value `"one"`.

Below this, two more assignments are shown:

- `map[2] = "two"`
- `map[3] = "three"`

A red arrow labeled `is` points from the `map[1]` assignment to the `map[2]` assignment.

i = 1

`map[1] = map[6-5] = map[i]`