

$a = 5$ ✓
 $a = 8$ ✗
 $a = 12$ ✗

$a \rightarrow$ variable
 var { $\frac{a}{8}$ } gone.
 8
 12

Constants: are fixed values, which once are declared & set will never change during the execution of program.

pseudocode:

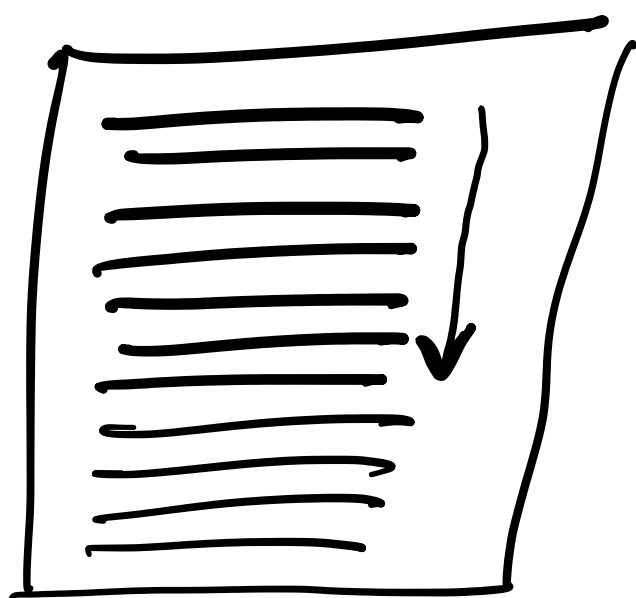
CONSTANT $\pi \leftarrow 3.142$

VB.net:

Const $\pi = 3.142$

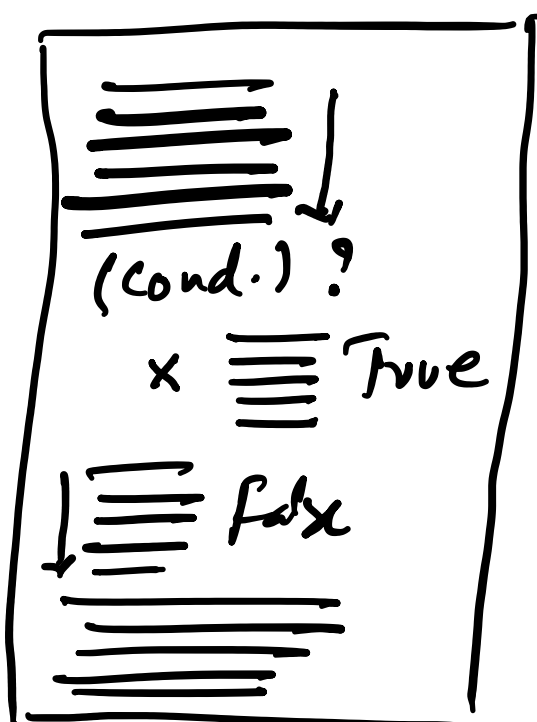
Constructs:

SEQUENCE



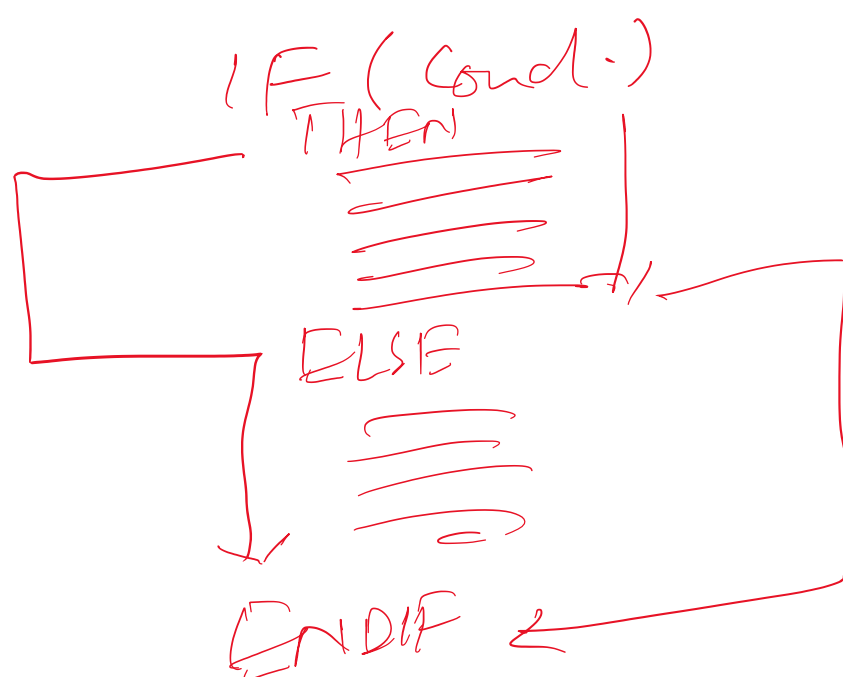
It is when a program is being executed in order of its instructions occurrence.

SELECTION/ DECISION:

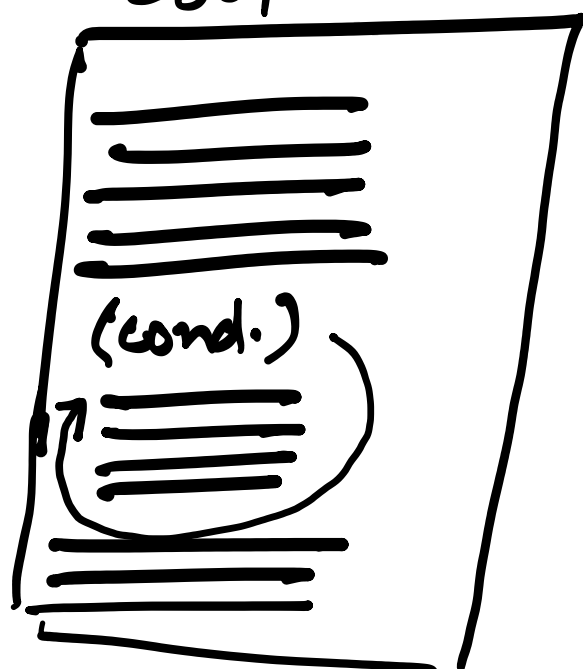


When program skips execution of few lines according to the result of a condition.

E.g: IF... THEN... ELSE... ENDIF
 (cond.) TRUE FALSE



Iteration/ Repetition/ Loop.



It means few code lines will get executed repeatedly until a condition allows for it.

E.g: For... Next
 While... Endwhile
 Repeat... Until.

There are two types of iterations:

1. Count based (definite)
2. Condition based (indefinite)