Semantic rules

Variables/fonction needs to be declared in the declaration block to be used.

A declared variable has a default value of 0

If not specified, the default array size is 100

Array is made of the specifed elements starting from 0

A variable is an array of size 1

Not possible to initialize the variable in the declaration block

Recurtion is forbidden

No operation priorites

The return of a function is an integer

A Variable can only be defined once

A Variable and function can’t have the same name

Variable declared in a certain declare block can only be used in the corresponding do block

Function parameters are treated as local variables inside the function

The assignement should always point to a variable

.not is the only unary operator

Negation only works with a variable or a literal number

- can be applied only in front of literal numbers  
Nothing can only be used after a GiveBackWith statement

Console input and output :

printC : prints the ascii interpretation of the stored value

printI : prints an integer between 0 and 9

scan : allow the user to input and niteger between 0 and 9