TDTL Variables

BOOLEAN	TRUE or False
LETTER	a-z or A-Z
STRING	String of Letters
NUMBER	−2,147,483,647 to +2,147,483,647
FLOAT	88.0f / 88.1234567f

Selection

IF (x Condition y)	While comparison of x and y is true execute code
ELSE	While original IF statement comparison of x and y is false execute code
ELSE IF (x Condition y)	while original IF statement comparison of x and y is false but new x Condition y is true execute code
BREAK	Break out of IF statment

Iteration

LOOP(x)	x = ammout of times to loop
LOOP WHILE (x *Comparison* y)	Loop while comparison of x and y is true

Assignment

EQUALS or =	Assign variable value

Boolean Operators

NOT or !	Logical NOT
AND or &&	Logical AND
OR or ||	Logical OR

Input/Output

OUTPUT "x"	output x to the console
x INPUT "y"	output y and input into variable x

Comparison

x IS EQUAL TO y or x == y	Equality. True if x is equal to y and false otherwise.
x IS NOT EQUAL y or x != y	Inequality. True if x is not equal to y and false otherwise
x IS GREATER THAN y or x > y	Greater than. True if x is greater than than y and false otherwise
x IS GREATER THAN OR EQUAL TO y or x >= y	Greater than or equal to. True if x is greater than or equal to y and false otherwise.
x IS LESS THAN y or x < y	Greater than. True if x is greater than than y and false otherwise.
x IS LESS THAN OR EQUAL TO y or x <= y	Less than or equal to. True if x is less than or equal to y and false otherwise.

Operators

x ADD y or x + y	Sum of x and y
x SUBTRACT y or x - y	Difference of x and y
x MULTIPLY y or x * y	Product of x and y
x DIVIDE y or x / y	Quotient of dividend x and divisor y