eg: C, C++

eg: Python, Ruby, ...

Here python uses ! interpreter.

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operators

Special characters or symbols used to perform a particular operations like operators.

eg: a+b = c

where,

a & b are operands

+, = are operators

Types of operators.

* Arithmetic operators.

To to do arithmetic operations.

Those are,

+ - / * % // **

eg: 1 + 2 = 3

* Assignment operators.

To assign values on to variables etc.

Those are,

= += -= *= /= %= //= **=

eg: a = 1 , a += 2)

* Relational operations

Alike comparison operators, To compare two variables also used with conditional clause.

Those are,

> < <= >= != ==

eg: a > b 1 >= 1 1 != 2 if (a == 1) :

* Logical operators.

To only works under certain conditions.

Those are

and : if all conditions are satisfied returns true

or : if any one of conditions are returns true

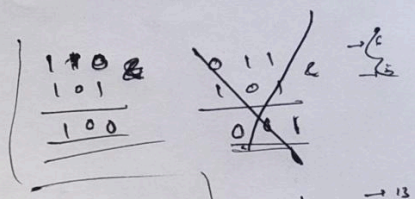
not : if both conditions are false returns true

- bitwise operator

performs operations on binary ~~digits~~ digits of a number for low level data manipulations

Those are & , | , ~ , >> , << , ^

eg: 6 & 5 = 4 is of 8



- membership operator

~~To Returns true~~

To check presence of value with in a sequence.

Those are

in , not in

eg: a = [1, 2, 3, 4, 5]

q in a : returns false

q not in a : returns True

- Identity operator

Two compares only # loc of two operator

Similler to '==' operator. instead = compare Values

Those are

is, is not

eg: a = 10

b = 2

a is b returns false

~~b is not~~ a is not b Tome.