

Day 4 Note

operators: It is a special symbol used for particular operations between two operands.

eg, $a + b = c$

$+$, $=$ are the operators.

a , b , c are the operands.

$4 - 8 = -4$

$-$, $=$ are the operators.

Types of operators in python:

- * arithmetic operator = $+$, $-$, $*$, $/$, $\%$, $//$, $**$
It is used to perform basic mathematical operations between numbers.
- * Assignment operators = $=$, $+=$, $-=$, $*=$, $/=$, $\%=$
It is used to assign values to variables.
- * Relational operators = $==$, $>$, $<$, $<=$, $>=$, $!=$
To compare two values. Result is true or false
- * Logical operators = and , or , Not
used to combine conditional statements.
- * Bitwise operators = $\&$, $|$, \sim , $\>>$, $<<$, \wedge ,
work on bits of integers.

*. Membership operators : In, Not, Is

These are used to check whether a value is present in a sequence such as a list.

*. Identity operators : is, not is

These are used to compare memory locations.