

Day: 03 Date: 05/09/2025

→ operators to perform specific tasks
Types of operators:

① 1. Arithmetic operators

'+' : Addition

'-' : Subtraction

'*' : Multiplication

'/' : Division

'%' : Modulus (remainders)

'**' : Exponentiation

② Relational operators

'<' : greater than

'>' : less than

'<=' : lesser than or equal to

'>=' : greater than or equal to

'==' : equal to

'!=' : not equal to

③ Logical operators

and : True if both are True

~~there~~ or : True if atleast one true

~~there~~ not : Inverts Boolean value

④ Assignment operators

operators

Example

Meaning

=

a = 5

Assign 5 to a

+=

a += 5

a = a + 5

-=

a -= 5

a = a - 5

*=

a *= 5

a = a * 5

/=

a /= 5

a = a / 5

%=

a %= 5

a = a % 5

//=

a //= 5

a = a // 5

**=

a **= 5

a = a ** 5