

OPERATORS

R Operators:

R supports majorly four kinds of binary operators between a set of operands.

Operators

Arithmetic

- addition (+)
- subtraction (-)
- multiplication (*)
- Division (/)
- power (^)
- modulo (%)

Logical

- EW logical AND (&)
- EW logical OR (|)
- NOT (!)
- logical AND (&&)
- logical OR (||)

Assignment

- left assignment (<-, <=<, =)
- Right assignment (->, ->=>, =)

Relational

- less than (<)
- less than equal to (<=)
- greater than (>)
- greater than equal to (>=)
- Not equal to (!=)

Miscellaneous Operators:

(i) %in% operator:

checks if an element belongs to a list and returns a boolean value TRUE if the value is present else FALSE

(ii) Colon Operator:

prints a list of elements starting with the element before the colon to the element after it

(iii) %*% operator:

This operator is used to multiply a matrix with its transpose.